



## ANALYTICAL DATA REPORT

JMC Environmental Consultants  
2109 Bridge Avenue  
Building B  
Point Pleasant, NJ 08742

Project Name: **ARSYNCO**  
IAL Case Number: **E13-03615**

These data have been reviewed and accepted by:

A handwritten signature in black ink, appearing to read "Michael H. Lefsin".

Michael H. Lefsin, Ph.D.  
Laboratory Director

This report shall not be reproduced, except in its entirety, without the written consent of Integrated Analytical Laboratories, LLC. The test results included in this report relate only to the samples analyzed. The results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

---

273 Franklin Road  
Randolph, NJ 07869  
Phone: 973 361 4252  
Fax: 973 989 5288



IAL is a NELAC New Jersey Certified Lab (14751) and maintains certification in Connecticut (PH-0699), New York (11402), Rhode Island (00126), Pennsylvania (68-00773) and in the Department of Navy IR QA Program

# ***Sample Summary***

***IAL Case No.***

**E13-03615**

***Client JMC Environmental Consultants***

***Project ARSYNCO***

***Received On 4/19/2013@17:06***

<i><b>Lab ID</b></i>	<i><b>Client Sample ID</b></i>	<i><b>Depth Top/Bottom</b></i>	<i><b>Sampling Time</b></i>	<i><b>Matrix</b></i>	<i><b># of Container</b></i>
03615-001	W-31W (0-2.0)	0/2	4/19/2013@08:45	Soil	1
03615-002	W-31N (0-2.0)	0/2	4/19/2013@09:00	Soil	1
03615-003	W-31E (0-2.0)	0/2	4/19/2013@09:13	Soil	1
03615-004	W-31S (0-2.0)	0/2	4/19/2013@09:25	Soil	1
03615-005	Y-33N (0-2.0)	0/2	4/19/2013@09:37	Soil	1
03615-006	Y-33W (0-2.0)	0/2	4/19/2013@09:47	Soil	1
03615-007	Y-37S (0-2.0)	0/2	4/19/2013@10:03	Soil	1
03615-008	Y-37S (2.0-4.0)	2/4	4/19/2013@10:04	Soil	1
03615-009	Y-37W (0-2.0)	0/2	4/19/2013@10:19	Soil	1
03615-010	Y-37W (2.0-4.0)	2/4	4/19/2013@10:20	Soil	1
03615-011	W-36E (2.0-4.0)	2/4	4/19/2013@10:35	Soil	1
03615-012	W-36N (2.0-4.0)	2/4	4/19/2013@10:52	Soil	1
03615-013	M-20S (0-2.0)	0/2	4/19/2013@11:17	Soil	1
03615-014	M-20W (0-2.0)	0/2	4/19/2013@11:30	Soil	1
03615-015	M-20N (0-2.0)	0/2	4/19/2013@11:43	Soil	1
03615-016	M-20E (0-2.0)	0/2	4/19/2013@11:58	Soil	1
03615-017	L-19S (0-2.0)	0/2	4/19/2013@12:12	Soil	1
03615-018	L-19W (0-2.0)	0/2	4/19/2013@12:24	Soil	1
03615-019	L-19N (0-2.0)	0/2	4/19/2013@13:05	Soil	1
03615-020	L-19E (0-2.0)	0/2	4/19/2013@13:14	Soil	1
03615-021	M-17S (0-2.0)	0/2	4/19/2013@13:25	Soil	1
03615-022	M-17W (0-2.0)	0/2	4/19/2013@13:37	Soil	1
03615-023	M-17N (0-2.0)	0/2	4/19/2013@13:45	Soil	1
03615-024	Q-21W (0-2.0)	0/2	4/19/2013@14:08	Soil	1
03615-025	Q-21W (2.0-4.0)	2/4	4/19/2013@14:09	Soil	1
03615-026	Q-21S (0-2.0)	0/2	4/19/2013@14:22	Soil	1
03615-027	Q-21S (2.0-4.0)	2/4	4/19/2013@14:23	Soil	1
03615-028	Q-21E (0-2.0)	0/2	4/19/2013@14:35	Soil	1
03615-029	Q-21E (2.0-4.0)	2/4	4/19/2013@14:36	Soil	1
03615-030	S-22N (0-2.0)	0/2	4/19/2013@14:48	Soil	1
03615-031	FB-73	n/a	4/19/2013@15:05	Aqueous	2

# INTEGRATED ANALYTICAL LABORATORIES, LLC.

## TABLE OF CONTENTS

	<u>Page</u>
<b>Qualifiers</b>	1
<b>Conformance / NonConformance Summaries</b>	2
<b>Results Summary Report</b>	8
<b>Analytical Results</b>	13
PCBs	
Methodology Summary *	
PCBs	45
<b>PCBs QC Summary</b>	46
Surrogate Percent Recovery Summary	
LCS, MS/MSD Recovery Summary	
Method Blank Summary	
Initial Calibration Summary	
Initial/Continuing Calibration Verification Summary	
Retention Time Shift Summary	
<b>PCBs Sample Data</b>	100
Sample Quant Report and Chromatogram	
Method Blank Results	
Method Blank Quant Report and Chromatogram	
Sample Tracking	183
Chains of Custody	
Project Information	
Sample Receipt Verification	
Laboratory Chronicle	
Last Page of the Report	191

This report was finalized on May 08, 2013

\* Methodology is included in the IAL Project Information Page

# INTEGRATED ANALYTICAL LABORATORIES, LLC.

## DEFINITIONS / QUALIFIERS

### DATA QUALIFIERS

- B** Indicates the analyte was found in the associated method blank as well as in the sample.  
It indicates probable laboratory contamination.
- C** Indicates analyte is a common laboratory contaminant.
- D** Indicated analyte was reported from diluted analysis.
- E** Identifies a compound concentration that exceeds the upper level of the calibration range of the instrument for that specific analysis.
- J** Indicates an estimated value. This flag is used when the concentration in the sample is below the RL but above the MDL.

### REPORTING DEFINITIONS

**RL** Reporting Limit. The RL is determined by the lowest concentration in the calibration curve. For most Wet Chemistry methods, the RL is defined by using the PQL.

**MDL** Method Detection Limit as determined according to 40CFR Part 136 Appendix B.

**PQL** Practical Quantitation Limit. Usually defined as a value 3-5 times the MDL.

**ND** Indicates analyte was analyzed for but not detected above the MDL.

**DF** Dilution Factor

**LCS** Laboratory Control Sample

**LCSD** Laboratory Control Sample Duplicate

**MS** Matrix Spike

**MSD** Matrix Spike Duplicate

**DUP** Duplicate

## **CONFORMANCE / NON-CONFORMANCE SUMMARIES**

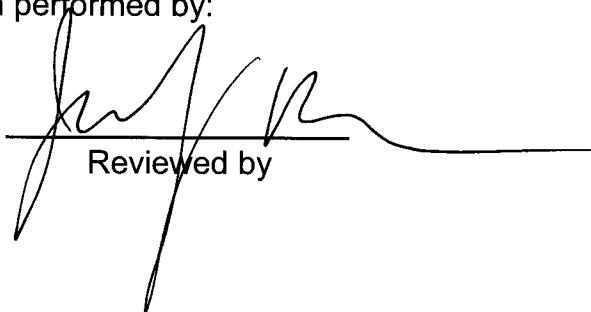
# **INTEGRATED ANALYTICAL LABORATORIES, LLC.**

## **CONFORMANCE / NONCONFORMANCE SUMMARY**

Integrated Analytical Laboratories, LLC. received one (1) aqueous and thirty (30) soil sample(s) from JMC Environmental Consultants (IAL SDG # E13-03615, Project: ARSYNCO) on April 19, 2013 for the analysis of:

(31) TCL PCB

A review of the QA/QC measures for the analysis of the sample(s) contained in this report has been performed by:



Reviewed by



5/6/13

Date

# SAMPLE DELIVERY GROUP CASE NARRATIVE

**SDG#: E13-03615**

**PCB By 8082**

<b>Batch ID: 130426-26</b>	<b>Matrix: Aqueous</b>
----------------------------	------------------------

**QC**

- Calibration Curve met QC criteria.
- Surrogate Percent Recovery met QC criteria.
- Method Blank met QC criteria.
- LCS Percent Recovery met QC criteria.
- MS/MSD Percent Recovery met QC criteria.
- RPD between MS/MSD met QC criteria.
- The following samples were cleaned up using method 3660B to remove sulfur: 031
- The following samples were cleaned up using method 3665A: 031

**E13-03615**

- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.
- No dilution was performed.



Signature

4/30/2013

Date

# SAMPLE DELIVERY GROUP CASE NARRATIVE

**SDG#: E13-03615**

PCB By 8082

**Batch ID: 130426-16**

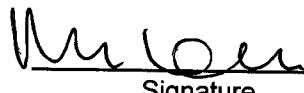
**Matrix: Soil**

**QC**

- Calibration Curve met QC criteria.
- Surrogate Percent Recovery met QC criteria.
- Method Blank met QC criteria.
- LCS Percent Recovery met QC criteria.
- MS/MSD Percent Recovery met QC criteria.
- RPD between MS/MSD met QC criteria.
- The RPD between the primary and secondary column was >40% for the following samples: 03615 -001, -004. Per SW-846 8000C, the lower of the two concentrations was reported.
- The following samples were cleaned up using method 3660B to remove sulfur: 001, 002, 003, 004, 005

**E13-03615**

- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.
- For all samples 03615 in batch 130426-16 a 20x dilution was performed due to dirty matrix.



5/1/2013

Signature

Date

# SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E13-03615

PCB By 8082

<b>Batch ID:</b> 130426-22	<b>Matrix:</b> Soil
----------------------------	---------------------

- QC**
- Calibration Curve met QC criteria.
  - Surrogate Percent Recovery did not meet QC criteria. The surrogate for sample 03615 -008 was diluted out.
  - Method Blank met QC criteria.
  - LCS Percent Recovery met QC criteria.
  - MS/MSD Percent Recovery met QC criteria.
  - RPD between MS/MSD met QC criteria.
  - The RPD between the primary and secondary column was >40% for the following samples: 03615 -008, -010, -011, -013, -015, -020, -024, -025, -026, -027. Per SW-846 8000C, the lower of the two concentrations was reported.
  - The following samples were cleaned up using method 3660B to remove sulfur: 008, 009, 010, 011, 012, 013, 014, 015, 016, 017, 018, 019, 020, 021, 022, 023, 024, 025, 026, 027
- E13-03615**
- All samples were extracted within holding time.
  - All samples were analyzed within holding time.
  - Retention Time Shift met QC criteria.
  - Sample 03615 -026 was run with 2x dilution, samples -009, -020 were run with 5x, samples -022, -023 were run with 10x, samples -010, -011, -012, -015 -021 were run with 20x and sample -008 was run with 50x dilution due to high concentrations of the target compounds. No dilution was performed on all other samples.



5/2/2013

Signature

Date

# SAMPLE DELIVERY GROUP CASE NARRATIVE

**SDG#: E13-03615**

PCB By 8082

<b>Batch ID:</b> 130426-25	<b>Matrix:</b> Soil
----------------------------	---------------------

- QC**
- Calibration Curve met QC criteria.
  - Surrogate Percent Recovery did not meet QC criteria. The surrogate was inadvertently double spiked for the whole batch. Percent recoveries were adjusted to reflect this.
  - Method Blank met QC criteria.
  - LCS Percent Recovery met QC criteria.
  - MS/MSD Percent Recovery did not meet QC criteria. MS/MSD did not meet QC criteria due to matrix interference from the sample.
  - RPD between MS/MSD met QC criteria.
  - The RPD between the primary and secondary column was >40% for the following samples: 03615 -029. Per SW-846 8000C, the lower of the two concentrations was reported.
  - The following samples were cleaned up using method 3660B to remove sulfur: 006, 007, 028, 029, 030
- E13-03615**
- All samples were extracted within holding time.
  - All samples were analyzed within holding time.
  - Retention Time Shift met QC criteria.
  - Sample 03615 -028 was run with 10x dilution, samples -006, -007 were run with 20x dilution and sample -030 was run with 50x dilution due to high concentrations of the target compound.



5/3/2013

Signature

Date

## **RESULTS SUMMARY REPORT**

**INTEGRATED ANALYTICAL LABORATORIES, LLC.**

**SUMMARY REPORT**

**Client: JMC Environmental Consultants**  
**Project: ARSYNCO**  
**Lab Case No.: E13-03615**

<b>Lab ID:</b>	03615-031								
<b>Client ID:</b>	FB-73								
<b>Matrix:</b>	Aqueous								
<b>Sampled Date</b>	4/19/13								
<b>PARAMETER(Units)</b>	Conc	Q	MDL						
<b>PCB's (Units)</b>	<i>(mg/L-ppm)</i>								
Aroclor-1016	ND	0.00002							
Aroclor-1221	ND	0.00002							
Aroclor-1232	ND	0.00002							
Aroclor-1242	ND	0.00002							
Aroclor-1248	ND	0.00002							
Aroclor-1254	ND	0.00002							
Aroclor-1260	ND	0.00002							
Aroclor-1262	ND	0.00002							
Aroclor-1268	ND	0.00002							
PCBs	ND	0.00002							
<b>Lab ID:</b>	03615-001	<b>03615-002</b>	<b>03615-003</b>	<b>03615-004</b>					
<b>Client ID:</b>	W-31W (0-2.0)	W-31N (0-2.0)	W-31E (0-2.0)	W-31S (0-2.0)					
<b>Depth:</b>	0/2	0/2	0/2	0/2					
<b>Matrix:</b>	Soil	Soil	Soil	Soil					
<b>Sampled Date</b>	4/19/13	4/19/13	4/19/13	4/19/13					
<b>PARAMETER(Units)</b>	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
<b>PCB's (Units)</b>	<i>(mg/Kg-ppm)</i>		<i>(mg/Kg-ppm)</i>		<i>(mg/Kg-ppm)</i>		<i>(mg/Kg-ppm)</i>		
Aroclor-1016	ND	0.379	ND	0.354	ND	0.476	ND	0.410	
Aroclor-1221	ND	0.379	ND	0.354	ND	0.476	ND	0.410	
Aroclor-1232	ND	0.379	ND	0.354	ND	0.476	ND	0.410	
Aroclor-1242	ND	0.379	ND	0.354	ND	0.476	ND	0.410	
Aroclor-1248	16.9	0.379	ND	0.354	ND	0.476	ND	0.410	
Aroclor-1254	ND	0.379	ND	0.354	ND	0.476	ND	0.410	
Aroclor-1260	53.2	0.379	14.5	0.354	ND	0.476	12.9	0.410	
Aroclor-1262	ND	0.379	ND	0.354	6.90	0.476	ND	0.410	
Aroclor-1268	ND	0.379	ND	0.354	ND	0.476	ND	0.410	
PCBs	70.1	0.379	14.5	0.354	6.90	0.476	12.9	0.410	

ND = Analyzed for but Not Detected at the MDL

**INTEGRATED ANALYTICAL LABORATORIES, LLC.**

**SUMMARY REPORT**  
**Client: JMC Environmental Consultants**  
**Project: ARSYNCO**  
**Lab Case No.: E13-03615**

	Lab ID: Client ID: Depth: Matrix: Sampled Date	03615-005 Y-33N (0-2.0) 0/2 Soil 4/19/13	03615-006 Y-33W (0-2.0) 0/2 Soil 4/19/13	03615-007 Y-37S (0-2.0) 0/2 Soil 4/19/13	03615-008 Y-37S (2.0-4.0) 2/4 Soil 4/19/13			
PARAMETER(Units)	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL			
<b>PCB's (Units)</b>		<b>(mg/Kg-ppm)</b>	<b>(mg/Kg-ppm)</b>	<b>(mg/Kg-ppm)</b>	<b>(mg/Kg-ppm)</b>			
Aroclor-1016	ND	0.382	ND	0.350	ND	0.404	ND	1.31
Aroclor-1221	ND	0.382	ND	0.350	ND	0.404	ND	1.31
Aroclor-1232	ND	0.382	ND	0.350	ND	0.404	ND	1.31
Aroclor-1242	ND	0.382	ND	0.350	ND	0.404	ND	1.31
Aroclor-1248	ND	0.382	ND	0.350	ND	0.404	ND	1.31
Aroclor-1254	ND	0.382	ND	0.350	93.1	0.404	54.5	1.31
Aroclor-1260	ND	0.382	ND	0.350	85.7	0.404	ND	1.31
Aroclor-1262	13.2	0.382	ND	0.350	ND	0.404	80.7	1.31
Aroclor-1268	ND	0.382	ND	0.350	ND	0.404	ND	1.31
PCBs	13.2	0.382	ND	0.350	179	0.404	135	1.31
<b>PCB's (Units)</b>		<b>(mg/Kg-ppm)</b>	<b>(mg/Kg-ppm)</b>	<b>(mg/Kg-ppm)</b>	<b>(mg/Kg-ppm)</b>			
Aroclor-1016	ND	0.125	ND	0.446	ND	0.571	ND	0.472
Aroclor-1221	ND	0.125	ND	0.446	ND	0.571	ND	0.472
Aroclor-1232	ND	0.125	ND	0.446	ND	0.571	ND	0.472
Aroclor-1242	ND	0.125	ND	0.446	ND	0.571	ND	0.472
Aroclor-1248	ND	0.125	ND	0.446	18.9	0.571	30.9	0.472
Aroclor-1254	ND	0.125	82.2	0.446	5.76	0.571	ND	0.472
Aroclor-1260	20.6	0.125	71.1	0.446	ND	0.571	ND	0.472
Aroclor-1262	ND	0.125	ND	0.446	ND	0.571	10.6	0.472
Aroclor-1268	ND	0.125	ND	0.446	ND	0.571	ND	0.472
PCBs	20.6	0.125	153	0.446	24.7	0.571	41.5	0.472

ND = Analyzed for but Not Detected at the MDL

**INTEGRATED ANALYTICAL LABORATORIES, LLC.**

**SUMMARY REPORT**  
**Client: JMC Environmental Consultants**  
**Project: ARSYNCO**  
**Lab Case No.: E13-03615**

PARAMETER(Units)	Lab ID:	03615-013			03615-014			03615-015			03615-016				
	Client ID:	M-20S (0-2.0)			M-20W (0-2.0)			M-20N (0-2.0)			M-20E (0-2.0)				
Sampled Date	Depth:	0/2			0/2			0/2			0/2				
	Matrix:	Soil			Soil			Soil			Soil				
	Conc	Q	MDL		Conc	Q	MDL		Conc	Q	MDL		Conc	Q	MDL
PCB's (Units)	<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>					
Aroclor-1016	ND	0.018	ND	0.016	ND	0.338	ND	0.018	ND	0.018	ND	0.018			
Aroclor-1221	ND	0.018	ND	0.016	ND	0.338	ND	0.018	ND	0.018	ND	0.018			
Aroclor-1232	ND	0.018	ND	0.016	ND	0.338	ND	0.018	ND	0.018	ND	0.018			
Aroclor-1242	ND	0.018	ND	0.016	ND	0.338	ND	0.018	ND	0.018	ND	0.018			
Aroclor-1248	0.247	0.018	ND	0.016	38.9	0.338	2.26	0.018	ND	0.018	ND	0.018			
Aroclor-1254	0.117	0.018	ND	0.016	ND	0.338	ND	0.018	ND	0.018	ND	0.018			
Aroclor-1260	ND	0.018	ND	0.016	ND	0.338	ND	0.018	ND	0.018	ND	0.018			
Aroclor-1262	ND	0.018	ND	0.016	ND	0.338	ND	0.018	ND	0.018	ND	0.018			
Aroclor-1268	ND	0.018	ND	0.016	ND	0.338	ND	0.018	ND	0.018	ND	0.018			
PCBs	0.364	0.018	ND	0.016	38.9	0.338	2.26	0.018							
PCB's (Units)	<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>					
Aroclor-1016	ND	0.018	ND	0.017	ND	0.019	ND	0.123	ND	0.123	ND	0.123			
Aroclor-1221	ND	0.018	ND	0.017	ND	0.019	ND	0.123	ND	0.123	ND	0.123			
Aroclor-1232	ND	0.018	ND	0.017	ND	0.019	ND	0.123	ND	0.123	ND	0.123			
Aroclor-1242	ND	0.018	ND	0.017	ND	0.019	ND	0.123	ND	0.123	ND	0.123			
Aroclor-1248	2.31	0.018	0.813	0.017	5.59	0.019	13.7	0.123	ND	0.123	ND	0.123			
Aroclor-1254	ND	0.018	ND	0.017	ND	0.019	ND	0.123	ND	0.123	ND	0.123			
Aroclor-1260	ND	0.018	ND	0.017	ND	0.019	ND	0.123	ND	0.123	ND	0.123			
Aroclor-1262	ND	0.018	ND	0.017	ND	0.019	ND	0.123	ND	0.123	ND	0.123			
Aroclor-1268	ND	0.018	ND	0.017	ND	0.019	ND	0.123	ND	0.123	ND	0.123			
PCBs	2.31	0.018	0.813	0.017	5.59	0.019	13.7	0.123							

ND = Analyzed for but Not Detected at the MDL

**INTEGRATED ANALYTICAL LABORATORIES, LLC.**

**SUMMARY REPORT**

**Client: JMC Environmental Consultants**

**Project: ARSYNCO**

**Lab Case No.: E13-03615**

PARAMETER(Units)	Lab ID:	03615-021	03615-022	03615-023	03615-024			
	Client ID:	M-17S (0-2.0)	M-17W (0-2.0)	M-17N (0-2.0)	Q-21W (0-2.0)			
	Depth:	0/2	0/2	0/2	0/2			
	Matrix:	Soil	Soil	Soil	Soil			
Sampled Date	4/19/13	4/19/13	4/19/13	4/19/13	4/19/13			
Conc	Q	MDL	Conc	Q	MDL			
<b>PCB's (Units)</b>	<i>(mg/Kg-ppm)</i>		<i>(mg/Kg-ppm)</i>		<i>(mg/Kg-ppm)</i>		<i>(mg/Kg-ppm)</i>	
Aroclor-1016	ND	0.349	ND	0.170	ND	0.174	ND	0.018
Aroclor-1221	ND	0.349	ND	0.170	ND	0.174	ND	0.018
Aroclor-1232	ND	0.349	ND	0.170	ND	0.174	ND	0.018
Aroclor-1242	ND	0.349	ND	0.170	ND	0.174	ND	0.018
Aroclor-1248	56.5	0.349	18.4	0.170	27.6	0.174	3.93	0.018
Aroclor-1254	ND	0.349	ND	0.170	ND	0.174	ND	0.018
Aroclor-1260	ND	0.349	ND	0.170	ND	0.174	ND	0.018
Aroclor-1262	ND	0.349	ND	0.170	ND	0.174	ND	0.018
Aroclor-1268	ND	0.349	ND	0.170	ND	0.174	ND	0.018
PCBs	56.5	0.349	18.4	0.170	27.6	0.174	3.93	0.018
<b>PCB's (Units)</b>	<i>(mg/Kg-ppm)</i>		<i>(mg/Kg-ppm)</i>		<i>(mg/Kg-ppm)</i>		<i>(mg/Kg-ppm)</i>	
Aroclor-1016	ND	0.021	ND	0.036	ND	0.020	ND	0.200
Aroclor-1221	ND	0.021	ND	0.036	ND	0.020	ND	0.200
Aroclor-1232	ND	0.021	ND	0.036	ND	0.020	ND	0.200
Aroclor-1242	2.43	0.021	ND	0.036	2.22	0.020	30.1	0.200
Aroclor-1248	ND	0.021	7.76	0.036	ND	0.020	ND	0.200
Aroclor-1254	ND	0.021	ND	0.036	ND	0.020	ND	0.200
Aroclor-1260	ND	0.021	ND	0.036	ND	0.020	ND	0.200
Aroclor-1262	ND	0.021	ND	0.036	ND	0.020	ND	0.200
Aroclor-1268	ND	0.021	ND	0.036	ND	0.020	ND	0.200
PCBs	2.43	0.021	7.76	0.036	2.22	0.020	30.1	0.200
<b>PCB's (Units)</b>	<i>(mg/Kg-ppm)</i>		<i>(mg/Kg-ppm)</i>		<i>(mg/Kg-ppm)</i>		<i>(mg/Kg-ppm)</i>	
Aroclor-1016	ND	0.021	ND	1.15	ND	1.15	ND	1.15
Aroclor-1221	ND	0.021	ND	1.15	ND	1.15	ND	1.15
Aroclor-1232	ND	0.021	ND	1.15	ND	1.15	ND	1.15
Aroclor-1242	1.74	0.021	220	1.15	ND	1.15	ND	1.15
Aroclor-1248	ND	0.021	ND	1.15	ND	1.15	ND	1.15
Aroclor-1254	0.465	0.021	ND	1.15	ND	1.15	ND	1.15
Aroclor-1260	ND	0.021	ND	1.15	ND	1.15	ND	1.15
Aroclor-1262	ND	0.021	ND	1.15	ND	1.15	ND	1.15
Aroclor-1268	ND	0.021	ND	1.15	ND	1.15	ND	1.15
PCBs	2.21	0.021	220	1.15	ND	1.15	ND	1.15

ND = Analyzed for but Not Detected at the MDL

E13-03615 0012

## **ANALYTICAL RESULTS**

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-001  
Client ID: W-31W\_(0-2)  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 04/30/2013  
Data file: Y7732.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.60g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 20  
% Moisture: 24.6

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.947	0.379
Aroclor-1221	ND		0.947	0.379
Aroclor-1232	ND		0.947	0.379
Aroclor-1242	ND		0.947	0.379
Aroclor-1248	16.9		0.947	0.379
Aroclor-1254	ND		0.947	0.379
Aroclor-1260	53.2		0.947	0.379
Aroclor-1262	ND		0.947	0.379
Aroclor-1268	ND		0.947	0.379
PCBs	70.1		0.947	0.379

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-002  
Client ID: W-31N\_(0-2)  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 04/30/2013  
Data file: Y7733.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.70g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 20  
% Moisture: 20.8

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.886	0.354
Aroclor-1221	ND		0.886	0.354
Aroclor-1232	ND		0.886	0.354
Aroclor-1242	ND		0.886	0.354
Aroclor-1248	ND		0.886	0.354
Aroclor-1254	ND		0.886	0.354
Aroclor-1260	14.5		0.886	0.354
Aroclor-1262	ND		0.886	0.354
Aroclor-1268	ND		0.886	0.354
PCBs	14.5		0.886	0.354

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-003  
Client ID: W-31E\_(0-2  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 04/30/2013  
Data file: Y7734.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.30g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 20  
% Moisture: 36.6

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		1.19	0.476
Aroclor-1221	ND		1.19	0.476
Aroclor-1232	ND		1.19	0.476
Aroclor-1242	ND		1.19	0.476
Aroclor-1248	ND		1.19	0.476
Aroclor-1254	ND		1.19	0.476
Aroclor-1260	ND		1.19	0.476
Aroclor-1262	6.90		1.19	0.476
Aroclor-1268	ND		1.19	0.476
PCBs	6.90		1.19	0.476

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-004  
Client ID: W-31S\_(0-2)  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 04/30/2013  
Data file: Y7735.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.30g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 20  
% Moisture: 26.3

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		1.02	0.410
Aroclor-1221	ND		1.02	0.410
Aroclor-1232	ND		1.02	0.410
Aroclor-1242	ND		1.02	0.410
Aroclor-1248	ND		1.02	0.410
Aroclor-1254	ND		1.02	0.410
Aroclor-1260	12.9		1.02	0.410
Aroclor-1262	ND		1.02	0.410
Aroclor-1268	ND		1.02	0.410
PCBs	12.9		1.02	0.410

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-005  
Client ID: Y-33N\_(0-2  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 04/30/2013  
Data file: Y7736.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.60g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 20  
% Moisture: 25.3

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.956	0.382
Aroclor-1221	ND		0.956	0.382
Aroclor-1232	ND		0.956	0.382
Aroclor-1242	ND		0.956	0.382
Aroclor-1248	ND		0.956	0.382
Aroclor-1254	ND		0.956	0.382
Aroclor-1260	ND		0.956	0.382
Aroclor-1262	13.2		0.956	0.382
Aroclor-1268	ND		0.956	0.382
PCBs	13.2		0.956	0.382

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-006  
Client ID: Y-33W\_(0-2  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 05/01/2013  
Data file: Y7827.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.30g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 20  
% Moisture: 13.8

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.876	0.350
Aroclor-1221	ND		0.876	0.350
Aroclor-1232	ND		0.876	0.350
Aroclor-1242	ND		0.876	0.350
Aroclor-1248	ND		0.876	0.350
Aroclor-1254	ND		0.876	0.350
Aroclor-1260	ND		0.876	0.350
Aroclor-1262	ND		0.876	0.350
Aroclor-1268	ND		0.876	0.350
PCBs	ND		0.876	0.350

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-007  
Client ID: Y-37S\_(0-2  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 05/01/2013  
Data file: Y7828.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.70g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 20  
% Moisture: 30.5

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		1.01	0.404
Aroclor-1221	ND		1.01	0.404
Aroclor-1232	ND		1.01	0.404
Aroclor-1242	ND		1.01	0.404
Aroclor-1248	ND		1.01	0.404
Aroclor-1254	93.1		1.01	0.404
Aroclor-1260	85.7		1.01	0.404
Aroclor-1262	ND		1.01	0.404
Aroclor-1268	ND		1.01	0.404
PCBs	179		1.01	0.404

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-008  
Client ID: Y-37S\_(2.0  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 04/30/2013  
Data file: Y7768.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.70g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 50  
% Moisture: 46.5

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		3.28	1.31
Aroclor-1221	ND		3.28	1.31
Aroclor-1232	ND		3.28	1.31
Aroclor-1242	ND		3.28	1.31
Aroclor-1248	ND		3.28	1.31
Aroclor-1254	54.5		3.28	1.31
Aroclor-1260	ND		3.28	1.31
Aroclor-1262	80.7		3.28	1.31
Aroclor-1268	ND		3.28	1.31
PCBs	135		3.28	1.31

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-009  
Client ID: Y-37W\_(0-2)  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 04/30/2013  
Data file: Y7769.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.30g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 5  
% Moisture: 39.7

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.313	0.125
Aroclor-1221	ND		0.313	0.125
Aroclor-1232	ND		0.313	0.125
Aroclor-1242	ND		0.313	0.125
Aroclor-1248	ND		0.313	0.125
Aroclor-1254	ND		0.313	0.125
Aroclor-1260	20.6		0.313	0.125
Aroclor-1262	ND		0.313	0.125
Aroclor-1268	ND		0.313	0.125
PCBs	20.6		0.313	0.125

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-010  
Client ID: Y-37W\_(2.0  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 04/30/2013  
Data file: Y7745.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.50g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 20  
% Moisture: 34.8

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		1.12	0.446
Aroclor-1221	ND		1.12	0.446
Aroclor-1232	ND		1.12	0.446
Aroclor-1242	ND		1.12	0.446
Aroclor-1248	ND		1.12	0.446
Aroclor-1254	82.2		1.12	0.446
Aroclor-1260	71.1		1.12	0.446
Aroclor-1262	ND		1.12	0.446
Aroclor-1268	ND		1.12	0.446
PCBs	153		1.12	0.446

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-011  
Client ID: W-36E\_(2.0  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 04/30/2013  
Data file: Y7746.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.40g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 20  
% Moisture: 48.1

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		1.43	0.571
Aroclor-1221	ND		1.43	0.571
Aroclor-1232	ND		1.43	0.571
Aroclor-1242	ND		1.43	0.571
Aroclor-1248	18.9		1.43	0.571
Aroclor-1254	5.76		1.43	0.571
Aroclor-1260	ND		1.43	0.571
Aroclor-1262	ND		1.43	0.571
Aroclor-1268	ND		1.43	0.571
PCBs	24.7		1.43	0.571

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-012  
Client ID: W-36N\_(2.0  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 04/30/2013  
Data file: Y7747.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.80g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 20  
% Moisture: 41.6

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		1.18	0.472
Aroclor-1221	ND		1.18	0.472
Aroclor-1232	ND		1.18	0.472
Aroclor-1242	ND		1.18	0.472
Aroclor-1248	30.9		1.18	0.472
Aroclor-1254	ND		1.18	0.472
Aroclor-1260	ND		1.18	0.472
Aroclor-1262	10.6		1.18	0.472
Aroclor-1268	ND		1.18	0.472
PCBs	41.5		1.18	0.472

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-013  
Client ID: M-20S\_(0-2  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 04/30/2013  
Data file: Y7748.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.50g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 20.0

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.045	0.018
Aroclor-1221	ND		0.045	0.018
Aroclor-1232	ND		0.045	0.018
Aroclor-1242	ND		0.045	0.018
Aroclor-1248	0.247		0.045	0.018
Aroclor-1254	0.117		0.045	0.018
Aroclor-1260	ND		0.045	0.018
Aroclor-1262	ND		0.045	0.018
Aroclor-1268	ND		0.045	0.018
PCBs	0.364		0.045	0.018

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-014  
Client ID: M-20W\_(0-2)  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 04/30/2013  
Data file: Y7749.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.60g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 12.7

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.041	0.016
Aroclor-1221	ND		0.041	0.016
Aroclor-1232	ND		0.041	0.016
Aroclor-1242	ND		0.041	0.016
Aroclor-1248	ND		0.041	0.016
Aroclor-1254	ND		0.041	0.016
Aroclor-1260	ND		0.041	0.016
Aroclor-1262	ND		0.041	0.016
Aroclor-1268	ND		0.041	0.016
PCBs	ND		0.041	0.016

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-015  
Client ID: M-20N\_(0-2)  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 04/30/2013  
Data file: Y7770.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.30g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 20  
% Moisture: 10.7

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.845	0.338
Aroclor-1221	ND		0.845	0.338
Aroclor-1232	ND		0.845	0.338
Aroclor-1242	ND		0.845	0.338
Aroclor-1248	38.9		0.845	0.338
Aroclor-1254	ND		0.845	0.338
Aroclor-1260	ND		0.845	0.338
Aroclor-1262	ND		0.845	0.338
Aroclor-1268	ND		0.845	0.338
PCBs	38.9		0.845	0.338

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-016  
Client ID: M-20E\_(0-2  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 04/30/2013  
Data file: Y7751.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.40g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 16.5

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.044	0.018
Aroclor-1221	ND		0.044	0.018
Aroclor-1232	ND		0.044	0.018
Aroclor-1242	ND		0.044	0.018
Aroclor-1248	2.26		0.044	0.018
Aroclor-1254	ND		0.044	0.018
Aroclor-1260	ND		0.044	0.018
Aroclor-1262	ND		0.044	0.018
Aroclor-1268	ND		0.044	0.018
PCBs	2.26		0.044	0.018

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-017  
Client ID: L-19S\_(0-2)  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 04/30/2013  
Data file: Y7752.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.40g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 19.7

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.046	0.018
Aroclor-1221	ND		0.046	0.018
Aroclor-1232	ND		0.046	0.018
Aroclor-1242	ND		0.046	0.018
Aroclor-1248	2.31		0.046	0.018
Aroclor-1254	ND		0.046	0.018
Aroclor-1260	ND		0.046	0.018
Aroclor-1262	ND		0.046	0.018
Aroclor-1268	ND		0.046	0.018
PCBs	2.31		0.046	0.018

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-018  
Client ID: L-19W\_(0-2  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 04/30/2013  
Data file: Y7753.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.40g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 13.3

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.043	0.017
Aroclor-1221	ND		0.043	0.017
Aroclor-1232	ND		0.043	0.017
Aroclor-1242	ND		0.043	0.017
Aroclor-1248	0.813		0.043	0.017
Aroclor-1254	ND		0.043	0.017
Aroclor-1260	ND		0.043	0.017
Aroclor-1262	ND		0.043	0.017
Aroclor-1268	ND		0.043	0.017
PCBs	0.813		0.043	0.017

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-019  
Client ID: L-19N\_(0-2  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 04/30/2013  
Data file: Y7754.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.50g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 21.7

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.046	0.019
Aroclor-1221	ND		0.046	0.019
Aroclor-1232	ND		0.046	0.019
Aroclor-1242	ND		0.046	0.019
Aroclor-1248	5.59		0.046	0.019
Aroclor-1254	ND		0.046	0.019
Aroclor-1260	ND		0.046	0.019
Aroclor-1262	ND		0.046	0.019
Aroclor-1268	ND		0.046	0.019
PCBs	5.59		0.046	0.019

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-020

Client ID: L-19E\_(0-2)

Date Received: 04/19/2013

Date Extracted: 04/26/2013

Date Analyzed: 04/30/2013

Data file: Y7771.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.30g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 5

% Moisture: 38.4

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.306	0.123
Aroclor-1221	ND		0.306	0.123
Aroclor-1232	ND		0.306	0.123
Aroclor-1242	ND		0.306	0.123
Aroclor-1248	13.7		0.306	0.123
Aroclor-1254	ND		0.306	0.123
Aroclor-1260	ND		0.306	0.123
Aroclor-1262	ND		0.306	0.123
Aroclor-1268	ND		0.306	0.123
PCBs	13.7		0.306	0.123

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-021  
Client ID: M-17S\_(0-2  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 04/30/2013  
Data file: Y7772.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.33g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 20  
% Moisture: 14.0

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.873	0.349
Aroclor-1221	ND		0.873	0.349
Aroclor-1232	ND		0.873	0.349
Aroclor-1242	ND		0.873	0.349
Aroclor-1248	56.5		0.873	0.349
Aroclor-1254	ND		0.873	0.349
Aroclor-1260	ND		0.873	0.349
Aroclor-1262	ND		0.873	0.349
Aroclor-1268	ND		0.873	0.349
PCBs	56.5		0.873	0.349

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-022  
Client ID: M-17W\_(0-2  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 04/30/2013  
Data file: Y7773.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.70g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 10  
% Moisture: 17.4

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.425	0.170
Aroclor-1221	ND		0.425	0.170
Aroclor-1232	ND		0.425	0.170
Aroclor-1242	ND		0.425	0.170
Aroclor-1248	18.4		0.425	0.170
Aroclor-1254	ND		0.425	0.170
Aroclor-1260	ND		0.425	0.170
Aroclor-1262	ND		0.425	0.170
Aroclor-1268	ND		0.425	0.170
PCBs	18.4		0.425	0.170

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-023  
Client ID: M-17N\_(0-2)  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 04/30/2013  
Data file: Y7774.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.70g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 10  
% Moisture: 19.4

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.435	0.174
Aroclor-1221	ND		0.435	0.174
Aroclor-1232	ND		0.435	0.174
Aroclor-1242	ND		0.435	0.174
Aroclor-1248	27.6		0.435	0.174
Aroclor-1254	ND		0.435	0.174
Aroclor-1260	ND		0.435	0.174
Aroclor-1262	ND		0.435	0.174
Aroclor-1268	ND		0.435	0.174
PCBs	27.6		0.435	0.174

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-024  
Client ID: Q-21W\_(0-2)  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 04/30/2013  
Data file: Y7759.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.50g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 20.3

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.046	0.018
Aroclor-1221	ND		0.046	0.018
Aroclor-1232	ND		0.046	0.018
Aroclor-1242	ND		0.046	0.018
Aroclor-1248	3.93		0.046	0.018
Aroclor-1254	ND		0.046	0.018
Aroclor-1260	ND		0.046	0.018
Aroclor-1262	ND		0.046	0.018
Aroclor-1268	ND		0.046	0.018
PCBs	3.93		0.046	0.018

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-025  
Client ID: Q-21W\_(2.0  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 04/30/2013  
Data file: Y7760.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.30g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 29.0

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.053	0.021
Aroclor-1221	ND		0.053	0.021
Aroclor-1232	ND		0.053	0.021
Aroclor-1242	2.43		0.053	0.021
Aroclor-1248	ND		0.053	0.021
Aroclor-1254	ND		0.053	0.021
Aroclor-1260	ND		0.053	0.021
Aroclor-1262	ND		0.053	0.021
Aroclor-1268	ND		0.053	0.021
PCBs	2.43		0.053	0.021

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-026  
Client ID: Q-21S\_(0-2)  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 04/30/2013  
Data file: Y7775.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.50g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 2  
% Moisture: 20.1

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.091	0.036
Aroclor-1221	ND		0.091	0.036
Aroclor-1232	ND		0.091	0.036
Aroclor-1242	ND		0.091	0.036
Aroclor-1248	7.76		0.091	0.036
Aroclor-1254	ND		0.091	0.036
Aroclor-1260	ND		0.091	0.036
Aroclor-1262	ND		0.091	0.036
Aroclor-1268	ND		0.091	0.036
PCBs	7.76		0.091	0.036

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-027  
Client ID: Q-21S\_(2.0)  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 04/30/2013  
Data file: Y7762.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.50g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 28.5

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.051	0.020
Aroclor-1221	ND		0.051	0.020
Aroclor-1232	ND		0.051	0.020
Aroclor-1242	2.22		0.051	0.020
Aroclor-1248	ND		0.051	0.020
Aroclor-1254	ND		0.051	0.020
Aroclor-1260	ND		0.051	0.020
Aroclor-1262	ND		0.051	0.020
Aroclor-1268	ND		0.051	0.020
PCBs	2.22		0.051	0.020

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-028  
Client ID: Q-21E\_(0-2  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 05/01/2013  
Data file: Y7829.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.60g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 10  
% Moisture: 28.4

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.499	0.200
Aroclor-1221	ND		0.499	0.200
Aroclor-1232	ND		0.499	0.200
Aroclor-1242	30.1		0.499	0.200
Aroclor-1248	ND		0.499	0.200
Aroclor-1254	ND		0.499	0.200
Aroclor-1260	ND		0.499	0.200
Aroclor-1262	ND		0.499	0.200
Aroclor-1268	ND		0.499	0.200
PCBs	30.1		0.499	0.200

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-029  
Client ID: Q-21E\_(2.0)  
Date Received: 04/19/2013  
Date Extracted: 04/26/2013  
Date Analyzed: 05/01/2013  
Data file: Y7830.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.30g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 29.0

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.053	0.021
Aroclor-1221	ND		0.053	0.021
Aroclor-1232	ND		0.053	0.021
Aroclor-1242	1.74		0.053	0.021
Aroclor-1248	ND		0.053	0.021
Aroclor-1254	0.465		0.053	0.021
Aroclor-1260	ND		0.053	0.021
Aroclor-1262	ND		0.053	0.021
Aroclor-1268	ND		0.053	0.021
PCBs	2.21		0.053	0.021

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-030

Client ID: S-22N\_(0-2)

Date Received: 04/19/2013

Date Extracted: 04/26/2013

Date Analyzed: 05/01/2013

Data file: Y7831.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.60g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 50

% Moisture: 38.0

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		2.88	1.15
Aroclor-1221	ND		2.88	1.15
Aroclor-1232	ND		2.88	1.15
Aroclor-1242	220		2.88	1.15
Aroclor-1248	ND		2.88	1.15
Aroclor-1254	ND		2.88	1.15
Aroclor-1260	ND		2.88	1.15
Aroclor-1262	ND		2.88	1.15
Aroclor-1268	ND		2.88	1.15
PCBs	220		2.88	1.15

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 03615-031

Client ID: FB-73

Date Received: 04/19/2013

Date Extracted: 04/26/2013

Date Analyzed: 04/30/2013

Data file: R9315.D

GC Column: DB-5/DB1701P

Sample wt/vol: 1000ml

Matrix-Units: Aqueous-mg/L (ppm)

Dilution Factor: 1

% Moisture: 100

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.00005	0.00002
Aroclor-1221	ND		0.00005	0.00002
Aroclor-1232	ND		0.00005	0.00002
Aroclor-1242	ND		0.00005	0.00002
Aroclor-1248	ND		0.00005	0.00002
Aroclor-1254	ND		0.00005	0.00002
Aroclor-1260	ND		0.00005	0.00002
Aroclor-1262	ND		0.00005	0.00002
Aroclor-1268	ND		0.00005	0.00002
PCBs	ND		0.00005	0.00002

**PCB DATA**

E13-03615 0045

**PCB QC SUMMARY**

## PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 04/26/2013

Client ID	Lab	Matrix	TCMX 1		DCB 1		TCMX 2		DCB 2	
			% rec	#	% rec	#	% rec	#	% rec	#
PCB	BLKA130425-08	AQUEOUS	84		77		78		81	
FB-1	03600-001	AQUEOUS	84		88		80		98	
FB-2	03600-002	AQUEOUS	86		87		84		92	
TWP1	03600-013	AQUEOUS	72		91		79		104	
TWP101	03600-015	AQUEOUS	70		95		75		113	
TWP2	03600-017	AQUEOUS	89		96		88		121	
PCB	03600-013MS	AQUEOUS	75		93		75		112	
PCB	03600-013MSD	AQUEOUS	78		95		78		116	
PCB	LCSA130425-08	AQUEOUS	84		89		82		97	

Surrogate QC Limits

Soil      Aqueous

TCMX = Tetrachloro-m-xylene

30-150      30-150

DCB = Decachlorobiphenyl

30-150      30-150

# Column to be used to flag recovery values

\* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

## PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 04/30/2013

Client ID	Sample ID	Matrix	TCMX 1		DCB 1		TCMX 2		DCB 2	
			% rec	#	% rec	#	% rec	#	% rec	#
PCB	BLKA130426-26	AQUEOUS	91		119		88		115	
TW-8/6.43	03695-004	AQUEOUS	80		106		77		103	
FB-73	03615-031	AQUEOUS	84		114		81		111	
FB-74	03661-047	AQUEOUS	87		119		84		115	
PCB	LCSA130426-26	AQUEOUS	83		115		79		112	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

Soil

30-150

Aqueous

30-150

30-150

# Column to be used to flag recovery values

\* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

**PCB SURROGATE PERCENT RECOVERY SUMMARY**

Date Analyzed: 04/30/2013

Client ID	Sample ID	Matrix	TCMX 1		DCB 1		TCMX 2		DCB 2	
			% rec	#	% rec	#	% rec	#	% rec	#
PCB	BLKS130426-16	SOIL	67		67		90		101	
S-1	03608-001	SOIL	65		66		90		84	
S-2	03608-002	SOIL	64		59		88		88	
S-3	03608-003	SOIL	62		54		85		78	
S-5	03608-004	SOIL	63		52		89		76	
S-6	03608-005	SOIL	60		53		89		82	
S-9	03608-006	SOIL	62		53		88		88	
S-10	03608-007	SOIL	60		54		87		92	
S-11	03608-008	SOIL	62		55		86		83	
S-14	03608-009	SOIL	60		54		85		82	
S-15	03608-010	SOIL	55		59		85		86	
S-1	03610-001	SOIL	65		55		91		90	
S-2	03610-002	SOIL	65		58		93		80	
S-3	03610-003	SOIL	63		50		90		86	
S-4	03610-004	SOIL	62		50		87		86	
S-5	03610-005	SOIL	64		52		90		81	
W-31W_(0-2	03615-001	SOIL	54		68		84		74	
W-31N_(0-2	03615-002	SOIL	50		66		84		108	
W-31E_(0-2	03615-003	SOIL	42		54		74		76	
W-31S_(0-2	03615-004	SOIL	44		46		64		88	
Y-33N_(0-2	03615-005	SOIL	50		76		74		98	
PCB	03608-010MS	SOIL	44		61		82		107	
PCB	03608-010MSD	SOIL	46		65		83		119	
PCB	LCSS130426-16	SOIL	63		63		90		97	

Surrogate QC Limits

Soil      Aqueous

TCMX = Tetrachloro-m-xylene

30-150      30-150

DCB = Decachlorobiphenyl

30-150      30-150

# Column to be used to flag recovery values

\* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

# PCB SURROGATE PERCENT RECOVERY SUMMARY

**Date Analyzed:** 04/30/2013

Client ID	Lab	Sample ID	Matrix	TCMX 1		DCB 1		TCMX 2		DCB 2	
				% rec	#	% rec	#	% rec	#	% rec	#
PCB		BLKS130426-22	SOIL	65		67		91		93	
Y-37W_(2.0		03615-010	SOIL	40		132		62		148	
W-36E_(2.0		03615-011	SOIL	60		70		94		94	
W-36N_(2.0		03615-012	SOIL	46		50		68		88	
M-20S_(0-2		03615-013	SOIL	58		60		91		106	
M-20W_(0-2		03615-014	SOIL	59		63		88		94	
M-20E_(0-2		03615-016	SOIL	57		59		87		92	
L-19S_(0-2		03615-017	SOIL	72		84		108		119	
L-19W_(0-2		03615-018	SOIL	63		72		92		96	
L-19N_(0-2		03615-019	SOIL	43		60		91		97	
Q-21W_(0-2		03615-024	SOIL	40		56		60		93	
Q-21W_(2.0		03615-025	SOIL	36		63		64		102	
Q-21S_(2.0		03615-027	SOIL	36		62		66		95	
PCB		03615-027MS	SOIL	37		58		66		96	
PCB		03615-027MSD	SOIL	36		60		66		97	
PCB		LCSS130426-22	SOIL	59		62		87		87	
Y-37S_(2.0		03615-008	SOIL	0	D	0	D	0	D	0	D
Y-37W_(0-2		03615-009	SOIL	71		58		103		115	
M-20N_(0-2		03615-015	SOIL	64		56		84		98	
L-19E_(0-2		03615-020	SOIL	70		68		101		114	
M-17S_(0-2		03615-021	SOIL	62		62		88		102	
M-17W_(0-2		03615-022	SOIL	64		65		92		106	
M-17N_(0-2		03615-023	SOIL	62		71		99		116	
Q-21S_(0-2		03615-026	SOIL	43		62		61		107	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

Soil

30-150

Aqueous

30-150

30-150

30-150

# Column to be used to flag recovery values

\* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

## PCB SURROGATE PERCENT RECOVERY SUMMARY

**Date Analyzed:** 05/01/2013

<b>Client ID</b>	<b>Lab</b> <b>Sample ID</b>	<b>Matrix</b>	<b>TCMX 1</b>		<b>DCB 1</b>		<b>TCMX 2</b>		<b>DCB 2</b>	
			<b>% rec</b>	<b>#</b>	<b>% rec</b>	<b>#</b>	<b>% rec</b>	<b>#</b>	<b>% rec</b>	<b>#</b>
PCB	BLKS130426-25	SOIL	74		81		71		75	
Y-33W_(0-2	03615-006	SOIL	43		86		59		91	
Y-37S_(0-2	03615-007	SOIL	77		131		79		106	
Q-21E_(0-2	03615-028	SOIL	81		86		79		98	
Q-21E_(2.0	03615-029	SOIL	67		80		77		91	
S-22N_(0-2	03615-030	SOIL	118		108		85		105	
42213-A	03647-001	SOIL	40		77		60		87	
S-22W_(0-2	03661-001	SOIL	68		88		77		100	
S-22S_(0-2	03661-002	SOIL	66		94		76		89	
S-22E_(0-2	03661-003	SOIL	0	D	0	D	0	D	0	D
Z-38W_(0-2	03661-004	SOIL	73		145		83		113	
Z-38W_(2.0	03661-005	SOIL	80		113		90		103	
Z-38W_(4.0	03661-006	SOIL	76		110		94		108	
Z-39N_(0-2	03661-007	SOIL	73		80		75		134	
Z-39N_(2.0	03661-008	SOIL	0	D	0	D	0	D	0	D
Z-39E_(4.0	03661-009	SOIL	52		75		70		91	
Z-40E_(0-2	03661-010	SOIL	78		135		83		133	
Z-40E_(4.0	03661-011	SOIL	102		123		106		112	
Z-40E_(5.0	03661-012	SOIL	86		94		83		95	
Z-40S_(0-2	03661-013	SOIL	86		131		85		146	
Z-40S_(2.0	03661-014	SOIL	76		114		86		121	
PCB	03661-014MS	SOIL	78		132		90		131	
PCB	03661-014MSD	SOIL	76		117		84		119	
PCB	LCSS130426-25	SOIL	78		91		74		83	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

Soil

30-150

Aqueous

30-150

30-150

# Column to be used to flag recovery values

\* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

The analyst inadvertently double spiked the surrogate for the whole batch. Percent recoveries have been adjusted to reflect this.

# AQUEOUS PCB LCS ACCURACY RECOVERY

Matrix spike Lab sample ID: LCSA130426-26

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
<b>Aroclor-1016</b>	500.0	0.0	448.4	90	40 - 140
<b>Aroclor-1260</b>	500.0	0.0	485.0	97	40 - 140

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

NC Non calculable

Spike Recovery: 0 out of 2 outside limits

## SOIL PCB LCS ACCURACY RECOVERY

Matrix spike Lab sample ID:

LCSS130426-22

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	298.2	60	40 - 140
Aroclor-1260	500.0	0.0	289.4	58	40 - 140

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

NC Non calculable

Spike Recovery: 0 out of 2 outside limits

# SOIL PCB LCS ACCURACY RECOVERY

Matrix spike Lab sample ID:

LCSS130426-16

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	330.2	66	40 - 140
Aroclor-1260	500.0	0.0	299.7	60	40 - 140

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

NC Non calculable

Spike Recovery: 0 out of 2 outside limits

## SOIL PCB LCS ACCURACY RECOVERY

Matrix spike Lab sample ID: LCSS130426-25

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	500.3	100	40 - 140
Aroclor-1260	500.0	0.0	523.2	105	40 - 140

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

NC Non calculable

Spike Recovery: 0 out of 2 outside limits

# AQUEOUS PCB MS/MSD ACCURACY RECOVERY

Matrix spike Lab sample ID: 03600-013

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
<b>Aroclor-1016</b>	500.0	0.0	406.5	81	40 - 140
<b>Aroclor-1260</b>	500.0	0.0	446.4	89	40 - 140

Compound	SAMPLE CONC. (ug/L)	MSD CONC. (ug/L)	MSD % # REC	% RPD #	QC LIMITS RPD	REC.
<b>Aroclor-1016</b>	0.0	417.6	84	4	50	40 - 140
<b>Aroclor-1260</b>	0.0	466.1	93	4	50	40 - 140

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

NC Non calculable

RPD: 0 out of 2 outside limits

Spike Recovery: 0 out of 4 outside limits

# SOIL PCB MS/MSD ACCURACY RECOVERY

Matrix spike Lab sample ID: 03615-027

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	396.2	79	40 - 140
Aroclor-1260	500.0	0.0	265.4	53	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD % # REC	% RPD #	QC LIMITS RPD	REC.
Aroclor-1016	0.0	380.4	76	4	50	40 - 140
Aroclor-1260	0.0	270.7	54	2	50	40 - 140

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

NC Non calculable

RPD: 0 out of 2 outside limits

Spike Recovery: 0 out of 4 outside limits

# SOIL PCB MS/MSD ACCURACY RECOVERY

Matrix spike Lab sample ID: 03608-010

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	242.9	49	40 - 140
Aroclor-1260	500.0	0.0	381.6	76	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD % # REC	% RPD #	QC LIMITS RPD	REC.
Aroclor-1016	0.0	250.1	50	2	50	40 - 140
Aroclor-1260	0.0	377.3	75	1	50	40 - 140

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

NC Non calculable

RPD: 0 out of 2 outside limits

Spike Recovery: 0 out of 4 outside limits

# SOIL PCB MS/MSD ACCURACY RECOVERY

Matrix spike Lab sample ID: 03661-014

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	9037.6	1808 *	40 - 140
Aroclor-1260	500.0	238.1	4196.0	792 *	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD #	% REC	% RPD	QC LIMITS RPD	REC.
Aroclor-1016	0.0	20002.6	*	4001	76 *	50	40 - 140
Aroclor-1260	238.1	9004.4	*	1753	76 *	50	40 - 140

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

NC Non calculable

RPD: 2 out of 2 outside limits

Spike Recovery: 4 out of 4 outside limits

**PCB METHOD BLANK SUMMARY**

Lab File ID: Y7569.D

Instrument ID: GC-Y

Date Extracted: 04/25/2013

Matrix: AQUEOUS

Date Analyzed: 04/26/2013

Time Analyzed: 08:46

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

<b>Client ID</b>	<b>Lab Sample ID</b>	<b>Date Analyzed</b>	<b>Time Analyzed</b>
FB-1	03600-001	04/26/2013	09:03
FB-2	03600-002	04/26/2013	09:20
TWP1	03600-013	04/26/2013	09:37
TWP101	03600-015	04/26/2013	09:55
TWP2	03600-017	04/26/2013	10:12
PCB	03600-013MS	04/26/2013	10:29
PCB	03600-013MSD	04/26/2013	10:46
PCB	LCSA130425-08	04/26/2013	11:03

## **PCB METHOD BLANK SUMMARY**

Lab File ID: R9313.D

Instrument ID: GC-R

Date Extracted: 04/26/2013

Matrix: AQUEOUS

Date Analyzed: 04/30/2013

Time Analyzed: 02:31

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

<b>Client ID</b>	<b>Lab Sample ID</b>	<b>Date Analyzed</b>	<b>Time Analyzed</b>
TW-8/6.43	03695-004	04/30/2013	02:48
FB-73	03615-031	04/30/2013	03:06
FB-74	03661-047	04/30/2013	03:23
PCB	LCSA130426-26	04/30/2013	03:40

**PCB METHOD BLANK SUMMARY**

Lab File ID: Y7742.D      Instrument ID: GC-Y

Date Extracted: 04/26/2013      Matrix: SOIL

Date Analyzed: 04/30/2013      Time Analyzed: 08:53

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

<b>Client ID</b>	<b>Lab Sample ID</b>	<b>Date Analyzed</b>	<b>Time Analyzed</b>
Y-37W_(2.0)	03615-010	04/30/2013	09:44
W-36E_(2.0)	03615-011	04/30/2013	10:26
W-36N_(2.0)	03615-012	04/30/2013	10:43
M-20S_(0-2)	03615-013	04/30/2013	11:00
M-20W_(0-2)	03615-014	04/30/2013	11:18
M-20E_(0-2)	03615-016	04/30/2013	11:52
L-19S_(0-2)	03615-017	04/30/2013	12:09
L-19W_(0-2)	03615-018	04/30/2013	12:26
L-19N_(0-2)	03615-019	04/30/2013	12:43
Q-21W_(0-2)	03615-024	04/30/2013	14:09
Q-21W_(2.0)	03615-025	04/30/2013	14:55
Q-21S_(2.0)	03615-027	04/30/2013	15:30
PCB	03615-027MS	04/30/2013	15:47
PCB	03615-027MSD	04/30/2013	16:04
PCB	LCSS130426-22	04/30/2013	16:21
Y-37S_(2.0)	03615-008	04/30/2013	17:39
Y-37W_(0-2)	03615-009	04/30/2013	17:56
M-20N_(0-2)	03615-015	04/30/2013	18:13
L-19E_(0-2)	03615-020	04/30/2013	18:30
M-17S_(0-2)	03615-021	04/30/2013	18:48
M-17W_(0-2)	03615-022	04/30/2013	19:05
M-17N_(0-2)	03615-023	04/30/2013	19:22
Q-21S_(0-2)	03615-026	04/30/2013	19:39

**PCB METHOD BLANK SUMMARY**

Lab File ID: Y7716.D      Instrument ID: GC-Y

Date Extracted: 04/26/2013      Matrix: SOIL

Date Analyzed: 04/30/2013      Time Analyzed: 00:34

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

<b>Client ID</b>	<b>Lab Sample ID</b>	<b>Date Analyzed</b>	<b>Time Analyzed</b>
S-1	03608-001	04/30/2013	00:51
S-2	03608-002	04/30/2013	01:08
S-3	03608-003	04/30/2013	01:25
S-5	03608-004	04/30/2013	01:43
S-6	03608-005	04/30/2013	02:00
S-9	03608-006	04/30/2013	02:17
S-10	03608-007	04/30/2013	02:34
S-11	03608-008	04/30/2013	02:51
S-14	03608-009	04/30/2013	03:08
S-15	03608-010	04/30/2013	03:25
S-1	03610-001	04/30/2013	03:42
S-2	03610-002	04/30/2013	04:00
S-3	03610-003	04/30/2013	04:17
S-4	03610-004	04/30/2013	04:34
S-5	03610-005	04/30/2013	04:51
W-31W_(0-2)	03615-001	04/30/2013	05:08
W-31N_(0-2)	03615-002	04/30/2013	05:25
W-31E_(0-2)	03615-003	04/30/2013	05:42
W-31S_(0-2)	03615-004	04/30/2013	06:00
Y-33N_(0-2)	03615-005	04/30/2013	06:17
PCB	03608-010MS	04/30/2013	06:34
PCB	03608-010MSD	04/30/2013	06:51
PCB	LCSS130426-16	04/30/2013	07:25

**PCB METHOD BLANK SUMMARY**

Lab File ID: Y7826.D      Instrument ID: GC-Y

Date Extracted: 04/26/2013      Matrix: SOIL

Date Analyzed: 05/01/2013      Time Analyzed: 16:59

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

<b>Client ID</b>	<b>Lab Sample ID</b>	<b>Date Analyzed</b>	<b>Time Analyzed</b>
Y-33W_(0-2	03615-006	05/01/2013	17:16
Y-37S_(0-2	03615-007	05/01/2013	17:33
Q-21E_(0-2	03615-028	05/01/2013	17:50
Q-21E_(2.0	03615-029	05/01/2013	18:08
S-22N_(0-2	03615-030	05/01/2013	18:25
42213-A	03647-001	05/01/2013	18:42
S-22W_(0-2	03661-001	05/01/2013	18:59
S-22S_(0-2	03661-002	05/01/2013	19:16
S-22E_(0-2	03661-003	05/01/2013	19:33
Z-38W_(0-2	03661-004	05/01/2013	19:51
Z-38W_(2.0	03661-005	05/01/2013	20:08
Z-38W_(4.0	03661-006	05/01/2013	20:25
Z-39N_(0-2	03661-007	05/01/2013	20:42
Z-39N_(2.0	03661-008	05/01/2013	20:59
Z-39E_(4.0	03661-009	05/01/2013	21:16
Z-40E_(0-2	03661-010	05/01/2013	21:34
Z-40E_(4.0	03661-011	05/01/2013	21:51
Z-40E_(5.0	03661-012	05/01/2013	22:08
Z-40S_(0-2	03661-013	05/01/2013	22:25
Z-40S_(2.0	03661-014	05/01/2013	22:42
PCB	03661-014MS	05/01/2013	22:59
PCB	03661-014MSD	05/01/2013	23:17
PCB	LCSS130426-25	05/01/2013	23:51

# AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed:

04/17/2013

Instrument ID:

GC-Y

GC Column (1st):

DB-5

Data File:

Y7377.D Y7376.D Y7375.D Y7374.D Y7373.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.25	3.25	3.25	3.25	3.25	3.25	3.18	3.32
Aroclor-1016 {2}	4.08	4.08	4.08	4.08	4.08	4.08	4.01	4.15
Aroclor-1016 {3}	4.63	4.63	4.63	4.63	4.63	4.63	4.56	4.70
Aroclor-1016 {4}	5.13	5.13	5.13	5.13	5.13	5.13	5.06	5.20
Aroclor-1016 {5}	5.52	5.52	5.52	5.52	5.52	5.52	5.45	5.59
Aroclor-1221			2.16				2.09	2.23
Aroclor-1221 {2}			3.05				2.98	3.12
Aroclor-1221 {3}			3.18				3.11	3.25
Aroclor-1221 {4}			3.25				3.18	3.32
Aroclor-1221 {5}			3.84				3.77	3.91
Aroclor-1232			3.25				3.18	3.32
Aroclor-1232 {2}			4.08				4.01	4.15
Aroclor-1232 {3}			4.74				4.67	4.81
Aroclor-1232 {4}			5.33				5.26	5.40
Aroclor-1232 {5}			5.53				5.46	5.60
Aroclor-1242			4.08				4.01	4.15
Aroclor-1242 {2}			5.01				4.94	5.08
Aroclor-1242 {3}			5.33				5.26	5.40
Aroclor-1242 {4}			6.03				5.96	6.10
Aroclor-1242 {5}			6.31				6.24	6.38
Aroclor-1248			4.48				4.40	4.56
Aroclor-1248 {2}			5.01				4.93	5.09
Aroclor-1248 {3}			5.33				5.25	5.41
Aroclor-1248 {4}			6.03				5.95	6.11
Aroclor-1248 {5}			6.31				6.23	6.39
Aroclor-1254			6.42				6.34	6.50
Aroclor-1254 {2}			6.86				6.78	6.94
Aroclor-1254 {3}			7.02				6.93	7.11
Aroclor-1254 {4}			7.47				7.38	7.56
Aroclor-1254 {5}			8.31				8.22	8.40
Aroclor-1260	8.31	8.31	8.30	8.30	8.30	8.30	7.40	9.20
Aroclor-1260 {2}	8.98	8.97	8.97	8.97	8.97	8.97	8.07	9.87
Aroclor-1260 {3}	9.46	9.46	9.45	9.45	9.45	9.45	8.55	10.35
Aroclor-1260 {4}	9.95	9.94	9.94	9.93	9.93	9.94	9.04	10.84
Aroclor-1260 {5}	10.99	10.99	10.99	10.99	10.99	10.99	10.09	11.89

# AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013      Instrument ID: GC-Y  
 GC Column (1st): DB-5

Data File: Y7377.D    Y7376.D    Y7375.D    Y7374.D    Y7373.D

Compound	10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	2134111	1997870	1967551	1954564	1891952	1989210	4.51
Aroclor-1016 {2}	2966088	2815668	2862095	2801985	2758385	2840844	2.79
Aroclor-1016 {3}	4380732	3888338	3866838	3959107	3721663	3963335	6.28
Aroclor-1016 {4}	2179240	2136778	2098177	2053415	1962463	2086015	3.99
Aroclor-1016 {5}	3957114	3153508	3264967	3248364	3225745	3369940	9.82
Aroclor-1221			672894				
Aroclor-1221 {2}			1238291				
Aroclor-1221 {3}			796609				
Aroclor-1221 {4}			2905015				
Aroclor-1221 {5}			411778				
Aroclor-1232			1886346				
Aroclor-1232 {2}			1072566				
Aroclor-1232 {3}			949665				
Aroclor-1232 {4}			1048873				
Aroclor-1232 {5}			1431787				
Aroclor-1242			2237271				
Aroclor-1242 {2}			1442244				
Aroclor-1242 {3}			1983207				
Aroclor-1242 {4}			3399854				
Aroclor-1242 {5}			2846996				
Aroclor-1248			4502969				
Aroclor-1248 {2}			2724136				
Aroclor-1248 {3}			3608345				
Aroclor-1248 {4}			6255399				
Aroclor-1248 {5}			3943446				
Aroclor-1254			6552129				
Aroclor-1254 {2}			4076540				
Aroclor-1254 {3}			8138124				
Aroclor-1254 {4}			5370388				
Aroclor-1254 {5}			7798856				
Aroclor-1260	6727971	8877763	9876337	9785491	9629625	8979437	14.69
Aroclor-1260 {2}	3471909	4070519	4448643	4325169	4366645	4136577	9.61
Aroclor-1260 {3}	9734362	11797260	13317378	13306882	12874777	12206132	12.40
Aroclor-1260 {4}	4946593	5298512	5806544	5947609	5929075	5585667	7.95
Aroclor-1260 {5}	2313432	2842494	2923739	2870346	3000689	2790140	9.79
Average %RSD						8.18	

# AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013      Instrument ID: GC-Y  
 GC Column (2nd): DB-1701P

Data File: Y7377.C Y7376.C Y7375.C Y7374.C Y7373.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.73	3.72	3.73	3.72	3.72	3.73	3.66	3.80
Aroclor-1016 {2}	4.32	4.32	4.32	4.32	4.32	4.32	4.25	4.39
Aroclor-1016 {3}	5.07	5.06	5.06	5.06	5.06	5.06	4.99	5.13
Aroclor-1016 {4}	5.27	5.27	5.27	5.27	5.27	5.27	5.20	5.34
Aroclor-1016 {5}	5.44	5.44	5.44	5.44	5.44	5.44	5.37	5.51
Aroclor-1221			2.42				2.35	2.49
Aroclor-1221 {2}			3.40				3.33	3.47
Aroclor-1221 {3}			3.63				3.56	3.70
Aroclor-1221 {4}			3.73				3.66	3.80
Aroclor-1221 {5}			5.06				4.99	5.13
Aroclor-1232			3.73				3.66	3.80
Aroclor-1232 {2}			4.69				4.62	4.76
Aroclor-1232 {3}			5.27				5.20	5.34
Aroclor-1232 {4}			5.44				5.37	5.51
Aroclor-1232 {5}			6.04				5.97	6.11
Aroclor-1242			4.69				4.62	4.76
Aroclor-1242 {2}			5.44				5.37	5.51
Aroclor-1242 {3}			6.03				5.96	6.10
Aroclor-1242 {4}			6.19				6.12	6.26
Aroclor-1242 {5}			6.74				6.67	6.81
Aroclor-1248			5.06				4.98	5.14
Aroclor-1248 {2}			5.64				5.56	5.72
Aroclor-1248 {3}			6.04				5.96	6.12
Aroclor-1248 {4}			6.19				6.11	6.27
Aroclor-1248 {5}			6.54				6.46	6.62
Aroclor-1254			7.03				6.95	7.11
Aroclor-1254 {2}			7.61				7.53	7.69
Aroclor-1254 {3}			8.24				8.15	8.33
Aroclor-1254 {4}			8.45				8.36	8.54
Aroclor-1254 {5}			9.04				8.95	9.13
Aroclor-1260	7.79	7.79	7.79	7.79	7.79	7.79	6.89	8.69
Aroclor-1260 {2}	8.05	8.04	8.04	8.04	8.04	8.04	7.14	8.94
Aroclor-1260 {3}	9.63	9.63	9.63	9.63	9.63	9.63	8.73	10.53
Aroclor-1260 {4}	10.14	10.14	10.14	10.14	10.14	10.14	9.24	11.04
Aroclor-1260 {5}	10.73	10.73	10.72	10.72	10.72	10.72	9.82	11.62

# AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013      Instrument ID: GC-Y  
 GC Column (2nd): DB-1701P

Data File: Y7377.C Y7376.C Y7375.C Y7374.C Y7373.C

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1016	631662	691572	561579	531873	495035	582344	13.57
Aroclor-1016 {2}	1324904	1406551	1163286	1095367	1021148	1202251	13.32
Aroclor-1016 {3}	2857519	2900738	2521452	2413812	2290462	2596797	10.43
Aroclor-1016 {4}	1334969	1360425	1109688	1036701	979061	1164169	14.95
Aroclor-1016 {5}	1047445	1024840	853887	810670	767729	900914	14.14
Aroclor-1221			236027				
Aroclor-1221 {2}			327658				
Aroclor-1221 {3}			235991				
Aroclor-1221 {4}			808364				
Aroclor-1221 {5}			147180				
Aroclor-1232			539619				
Aroclor-1232 {2}			205050				
Aroclor-1232 {3}			450201				
Aroclor-1232 {4}			339998				
Aroclor-1232 {5}			480743				
Aroclor-1242			403643				
Aroclor-1242 {2}			679481				
Aroclor-1242 {3}			902082				
Aroclor-1242 {4}			755076				
Aroclor-1242 {5}			1443012				
Aroclor-1248			1244705				
Aroclor-1248 {2}			2013634				
Aroclor-1248 {3}			1425642				
Aroclor-1248 {4}			1291512				
Aroclor-1248 {5}			680383				
Aroclor-1254			1765742				
Aroclor-1254 {2}			1416680				
Aroclor-1254 {3}			1286171				
Aroclor-1254 {4}			873683				
Aroclor-1254 {5}			2051542				
Aroclor-1260	978684	1161451	998063	930672	893116	992397	10.38
Aroclor-1260 {2}	1646604	1811641	1557995	1442946	1365879	1565013	11.16
Aroclor-1260 {3}	1385303	1513423	1360535	1307341	1249998	1363320	7.24
Aroclor-1260 {4}	2703017	3299037	3027831	2942027	2785237	2951430	7.87
Aroclor-1260 {5}	1906770	2406307	2216845	2141355	2016926	2137641	8.95
Average %RSD						11.20	

# AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013      Instrument ID: GC-Y  
 GC Column (1st): DB-5

Data File: Y7377.D Y7376.D Y7375.D Y7374.D Y7373.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			8.59				8.47	8.71
Aroclor-1262 {2}			9.45				9.33	9.57
Aroclor-1262 {3}			10.08				9.96	10.20
Aroclor-1262 {4}			10.17				10.05	10.29
Aroclor-1262 {5}			10.99				10.87	11.11
Aroclor-1268			10.08				9.96	10.20
Aroclor-1268 {2}			10.16				10.04	10.28
Aroclor-1268 {3}			10.62				10.50	10.74
Aroclor-1268 {4}			10.75				10.63	10.87
Aroclor-1268 {5}			11.59				11.47	11.71

GC Column (2nd): DB-1701P

Data File: Y7377.C Y7376.C Y7375.C Y7374.C Y7373.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			9.63				9.51	9.75
Aroclor-1262 {2}			10.14				10.02	10.26
Aroclor-1262 {3}			10.63				10.51	10.75
Aroclor-1262 {4}			10.72				10.60	10.84
Aroclor-1262 {5}			11.32				11.20	11.44
Aroclor-1268			10.63				10.51	10.75
Aroclor-1268 {2}			10.71				10.59	10.83
Aroclor-1268 {3}			10.96				10.84	11.08
Aroclor-1268 {4}			11.10				10.98	11.22
Aroclor-1268 {5}			12.18				12.06	12.30

# AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013      Instrument ID: GC-Y  
    GC Column (1st): DB-5

Data File: Y7377.D Y7376.D Y7375.D Y7374.D Y7373.D

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1262			8274685				
Aroclor-1262 {2}			17337534				
Aroclor-1262 {3}			6288049				
Aroclor-1262 {4}			8890002				
Aroclor-1262 {5}			5889328				
Aroclor-1268			17049129				
Aroclor-1268 {2}			23037290				
Aroclor-1268 {3}			16793619				
Aroclor-1268 {4}			4491494				
Aroclor-1268 {5}			55817450				

GC Column (2nd): DB-1701P

Data File: Y7377.C Y7376.C Y7375.C Y7374.C Y7373.C

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1262			1773727				
Aroclor-1262 {2}			4112172				
Aroclor-1262 {3}			1308101				
Aroclor-1262 {4}			2970964				
Aroclor-1262 {5}			645433				
Aroclor-1268			3756402				
Aroclor-1268 {2}			4381926				
Aroclor-1268 {3}			3388977				
Aroclor-1268 {4}			1030655				
Aroclor-1268 {5}			10199046				

# AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 04/26/2013

Instrument ID: GC-Y

Data File: Y7568.D

GC Column (1st):

DB-5

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.24	3.18	3.32	1989210	2365445	18.91
Aroclor-1016 {2}	4.07	4.01	4.15	2840844	3199202	12.61
Aroclor-1016 {3}	4.62	4.56	4.70	3963335	4606459	16.23
Aroclor-1016 {4}	5.12	5.06	5.20	2086015	2319207	11.18
Aroclor-1016 {5}	5.52	5.45	5.59	3369940	3696269	9.68
Aroclor-1260	8.29	7.40	9.20	8979437	10690686	19.06
Aroclor-1260 {2}	8.96	8.07	9.87	4136577	4774534	15.42
Aroclor-1260 {3}	9.44	8.55	10.35	12206132	14227226	16.56
Aroclor-1260 {4}	9.92	9.04	10.84	5585667	6523214	16.78
Aroclor-1260 {5}	10.97	10.09	11.89	2790140	2964202	6.24
<b>Average %D</b>						14.27

Data File: Y7568.C

GC Column (2nd):

DB-1701P

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.73	3.66	3.80	582344	644920	10.75
Aroclor-1016 {2}	4.32	4.25	4.39	1202251	1274262	5.99
Aroclor-1016 {3}	5.07	4.99	5.13	2596797	2900464	11.69
Aroclor-1016 {4}	5.27	5.20	5.34	1164169	1201787	3.23
Aroclor-1016 {5}	5.45	5.37	5.51	900914	957213	6.25
Aroclor-1260	7.79	6.89	8.69	992397	1096416	10.48
Aroclor-1260 {2}	8.04	7.14	8.94	1565013	1630322	4.17
Aroclor-1260 {3}	9.63	8.73	10.53	1363320	1517509	11.31
Aroclor-1260 {4}	10.13	9.24	11.04	2951430	3260733	10.48
Aroclor-1260 {5}	10.72	9.82	11.62	2137641	2375761	11.14
<b>Average %D</b>						8.55

# AROCLOL CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 04/26/2013

Instrument ID: GC-Y

Data File:

Y7578.D

GC Column (1st):

DB-5

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.25	3.18	3.32	1989210	2244141	12.82
Aroclor-1016 {2}	4.08	4.01	4.15	2840844	3032275	6.74
Aroclor-1016 {3}	4.63	4.56	4.70	3963335	4335717	9.40
Aroclor-1016 {4}	5.13	5.06	5.20	2086015	2419043	15.96
Aroclor-1016 {5}	5.53	5.45	5.59	3369940	3554249	5.47
Aroclor-1260	8.31	7.40	9.20	8979437	10762610	19.86
Aroclor-1260 {2}	8.97	8.07	9.87	4136577	4619243	11.67
Aroclor-1260 {3}	9.45	8.55	10.35	12206132	14254765	16.78
Aroclor-1260 {4}	9.94	9.04	10.84	5585667	6309812	12.96
Aroclor-1260 {5}	10.99	10.09	11.89	2790140	3298032	18.20
<b>Average %D</b>						12.99

Data File:

Y7578.C

GC Column (2nd):

DB-1701P

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.73	3.66	3.80	582344	625257	7.37
Aroclor-1016 {2}	4.32	4.25	4.39	1202251	1258747	4.70
Aroclor-1016 {3}	5.07	4.99	5.13	2596797	2818697	8.55
Aroclor-1016 {4}	5.27	5.20	5.34	1164169	1194327	2.59
Aroclor-1016 {5}	5.44	5.37	5.51	900914	939515	4.28
Aroclor-1260	7.79	6.89	8.69	992397	1050845	5.89
Aroclor-1260 {2}	8.04	7.14	8.94	1565013	1645239	5.13
Aroclor-1260 {3}	9.63	8.73	10.53	1363320	1496507	9.77
Aroclor-1260 {4}	10.13	9.24	11.04	2951430	3446592	16.78
Aroclor-1260 {5}	10.72	9.82	11.62	2137641	2521112	17.94
<b>Average %D</b>						8.30

# AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 04/30/2013

Instrument ID: GC-Y

Data File: Y7741.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.25	3.18	3.32	1989210	1867764	6.11
Aroclor-1016 {2}	4.07	4.01	4.15	2840844	2273678	19.96
Aroclor-1016 {3}	4.62	4.56	4.70	3963335	3535492	10.80
Aroclor-1016 {4}	5.12	5.06	5.20	2086015	1963231	5.89
Aroclor-1016 {5}	5.52	5.45	5.59	3369940	2893151	14.15
Aroclor-1260	8.30	7.40	9.20	8979437	7972780	11.21
Aroclor-1260 {2}	8.97	8.07	9.87	4136577	3343289	19.18
Aroclor-1260 {3}	9.45	8.55	10.35	12206132	10310603	15.53
Aroclor-1260 {4}	9.93	9.04	10.84	5585667	4687071	16.09
Aroclor-1260 {5}	10.98	10.09	11.89	2790140	2300209	17.56
Average %D						13.65

Data File: Y7741.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.73	3.66	3.80	582344	673401	15.64
Aroclor-1016 {2}	4.32	4.25	4.39	1202251	1415948	17.77
Aroclor-1016 {3}	5.07	4.99	5.13	2596797	3026595	16.55
Aroclor-1016 {4}	5.27	5.20	5.34	1164169	1301920	11.83
Aroclor-1016 {5}	5.45	5.37	5.51	900914	955513	6.06
Aroclor-1260	7.79	6.89	8.69	992397	1172208	18.12
Aroclor-1260 {2}	8.04	7.14	8.94	1565013	1797561	14.86
Aroclor-1260 {3}	9.63	8.73	10.53	1363320	1584099	16.19
Aroclor-1260 {4}	10.13	9.24	11.04	2951430	3412489	15.62
Aroclor-1260 {5}	10.72	9.82	11.62	2137641	2465118	15.32
Average %D						14.80

# AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 04/30/2013      Instrument ID: GC-Y

Data File: Y7766.D      GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.25	3.18	3.32	1989210	1772135	10.91
Aroclor-1016 {2}	4.08	4.01	4.15	2840844	2333304	17.87
Aroclor-1016 {3}	4.63	4.56	4.70	3963335	3330320	15.97
Aroclor-1016 {4}	5.13	5.06	5.20	2086015	1881365	9.81
Aroclor-1016 {5}	5.53	5.45	5.59	3369940	2742432	18.62
Aroclor-1260	8.31	7.40	9.20	8979437	7426485	17.29
Aroclor-1260 {2}	8.97	8.07	9.87	4136577	3409416	17.58
Aroclor-1260 {3}	9.45	8.55	10.35	12206132	9922930	18.71
Aroclor-1260 {4}	9.94	9.04	10.84	5585667	4514723	19.17
Aroclor-1260 {5}	10.99	10.09	11.89	2790140	2680610	3.93
Average %D						14.99

Data File: Y7766.C      GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.72	3.66	3.80	582344	685875	17.78
Aroclor-1016 {2}	4.32	4.25	4.39	1202251	1433558	19.24
Aroclor-1016 {3}	5.06	4.99	5.13	2596797	3106966	19.65
Aroclor-1016 {4}	5.27	5.20	5.34	1164169	1125115	3.35
Aroclor-1016 {5}	5.44	5.37	5.51	900914	1021245	13.36
Aroclor-1260	7.79	6.89	8.69	992397	1160602	16.95
Aroclor-1260 {2}	8.04	7.14	8.94	1565013	1804689	15.31
Aroclor-1260 {3}	9.63	8.73	10.53	1363320	1550472	13.73
Aroclor-1260 {4}	10.13	9.24	11.04	2951430	3384461	14.67
Aroclor-1260 {5}	10.72	9.82	11.62	2137641	2473185	15.70
Average %D						14.97

# AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 04/30/2013      Instrument ID: GC-Y

Data File: Y7767.D      GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.25	3.18	3.32	1989210	1829727	8.02
Aroclor-1016 {2}	4.07	4.01	4.15	2840844	2408684	15.21
Aroclor-1016 {3}	4.63	4.56	4.70	3963335	3482680	12.13
Aroclor-1016 {4}	5.13	5.06	5.20	2086015	1948067	6.61
Aroclor-1016 {5}	5.52	5.45	5.59	3369940	2831063	15.99
Aroclor-1260	8.30	7.40	9.20	8979437	7704090	14.20
Aroclor-1260 {2}	8.97	8.07	9.87	4136577	3337939	19.31
Aroclor-1260 {3}	9.45	8.55	10.35	12206132	9849128	19.31
Aroclor-1260 {4}	9.93	9.04	10.84	5585667	4746500	15.02
Aroclor-1260 {5}	10.99	10.09	11.89	2790140	2571626	7.83
<b>Average %D</b>						<b>13.36</b>

Data File: Y7767.C      GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.73	3.66	3.80	582344	691313	18.71
Aroclor-1016 {2}	4.32	4.25	4.39	1202251	1413996	17.61
Aroclor-1016 {3}	5.07	4.99	5.13	2596797	3114962	19.95
Aroclor-1016 {4}	5.27	5.20	5.34	1164169	1172535	0.72
Aroclor-1016 {5}	5.45	5.37	5.51	900914	1006729	11.75
Aroclor-1260	7.79	6.89	8.69	992397	1147435	15.62
Aroclor-1260 {2}	8.04	7.14	8.94	1565013	1833804	17.17
Aroclor-1260 {3}	9.63	8.73	10.53	1363320	1600294	17.38
Aroclor-1260 {4}	10.13	9.24	11.04	2951430	3521421	19.31
Aroclor-1260 {5}	10.72	9.82	11.62	2137641	2454815	14.84
<b>Average %D</b>						<b>15.31</b>

# AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 04/30/2013

Instrument ID: GC-Y

Data File: Y7776.D

GC Column (1st): DB-5

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.25	3.18	3.32	1989210	1691249	14.98
Aroclor-1016 {2}	4.08	4.01	4.15	2840844	2305753	18.84
Aroclor-1016 {3}	4.63	4.56	4.70	3963335	3214302	18.90
Aroclor-1016 {4}	5.13	5.06	5.20	2086015	1819074	12.80
Aroclor-1016 {5}	5.53	5.45	5.59	3369940	2810433	16.60
Aroclor-1260	8.31	7.40	9.20	8979437	7340200	18.26
Aroclor-1260 {2}	8.98	8.07	9.87	4136577	3314781	19.87
Aroclor-1260 {3}	9.45	8.55	10.35	12206132	9861911	19.21
Aroclor-1260 {4}	9.94	9.04	10.84	5585667	4619859	17.29
Aroclor-1260 {5}	10.99	10.09	11.89	2790140	2381478	14.65
<b>Average %D</b>						<b>17.14</b>

Data File: Y7776.C

GC Column (2nd): DB-1701P

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.73	3.66	3.80	582344	672405	15.47
Aroclor-1016 {2}	4.32	4.25	4.39	1202251	1429614	18.91
Aroclor-1016 {3}	5.06	4.99	5.13	2596797	3081154	18.65
Aroclor-1016 {4}	5.27	5.20	5.34	1164169	1266774	8.81
Aroclor-1016 {5}	5.44	5.37	5.51	900914	1060664	17.73
Aroclor-1260	7.79	6.89	8.69	992397	1162388	17.13
Aroclor-1260 {2}	8.04	7.14	8.94	1565013	1817255	16.12
Aroclor-1260 {3}	9.63	8.73	10.53	1363320	1574375	15.48
Aroclor-1260 {4}	10.13	9.24	11.04	2951430	3458210	17.17
Aroclor-1260 {5}	10.72	9.82	11.62	2137641	2444950	14.38
<b>Average %D</b>						<b>15.98</b>

# AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 04/30/2013      Instrument ID: GC-Y

Data File: Y7715.D      GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.25	3.18	3.32	1989210	1922077	3.37
Aroclor-1016 {2}	4.08	4.01	4.15	2840844	2345856	17.42
Aroclor-1016 {3}	4.63	4.56	4.70	3963335	3669750	7.41
Aroclor-1016 {4}	5.13	5.06	5.20	2086015	2079557	0.31
Aroclor-1016 {5}	5.53	5.45	5.59	3369940	3084208	8.48
Aroclor-1260	8.31	7.40	9.20	8979437	8712577	2.97
Aroclor-1260 {2}	8.98	8.07	9.87	4136577	3428099	17.13
Aroclor-1260 {3}	9.45	8.55	10.35	12206132	11131310	8.81
Aroclor-1260 {4}	9.94	9.04	10.84	5585667	4859780	13.00
Aroclor-1260 {5}	10.99	10.09	11.89	2790140	2273947	18.50
<b>Average %D</b>						9.74

Data File: Y7715.C      GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.72	3.66	3.80	582344	694150	19.20
Aroclor-1016 {2}	4.31	4.25	4.39	1202251	1436197	19.46
Aroclor-1016 {3}	5.06	4.99	5.13	2596797	3111489	19.82
Aroclor-1016 {4}	5.27	5.20	5.34	1164169	1184887	1.78
Aroclor-1016 {5}	5.44	5.37	5.51	900914	982625	9.07
Aroclor-1260	7.79	6.89	8.69	992397	1186882	19.60
Aroclor-1260 {2}	8.04	7.14	8.94	1565013	1837762	17.43
Aroclor-1260 {3}	9.62	8.73	10.53	1363320	1549262	13.64
Aroclor-1260 {4}	10.13	9.24	11.04	2951430	3473577	17.69
Aroclor-1260 {5}	10.72	9.82	11.62	2137641	2507393	17.30
<b>Average %D</b>						15.50

# AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 04/30/2013

Instrument ID: GC-Y

Data File: Y7740.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.25	3.18	3.32	1989210	1803834	9.32
Aroclor-1016 {2}	4.08	4.01	4.15	2840844	2438010	14.18
Aroclor-1016 {3}	4.63	4.56	4.70	3963335	3411281	13.93
Aroclor-1016 {4}	5.13	5.06	5.20	2086015	1912955	8.30
Aroclor-1016 {5}	5.53	5.45	5.59	3369940	2802841	16.83
Aroclor-1260	8.31	7.40	9.20	8979437	7751592	13.67
Aroclor-1260 {2}	8.98	8.07	9.87	4136577	3412554	17.50
Aroclor-1260 {3}	9.45	8.55	10.35	12206132	9932850	18.62
Aroclor-1260 {4}	9.94	9.04	10.84	5585667	4498234	19.47
Aroclor-1260 {5}	10.99	10.09	11.89	2790140	2486005	10.90
<b>Average %D</b>						14.27

Data File: Y7740.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.72	3.66	3.80	582344	673730	15.69
Aroclor-1016 {2}	4.32	4.25	4.39	1202251	1432661	19.16
Aroclor-1016 {3}	5.06	4.99	5.13	2596797	3102570	19.48
Aroclor-1016 {4}	5.27	5.20	5.34	1164169	1265982	8.75
Aroclor-1016 {5}	5.44	5.37	5.51	900914	1057954	17.43
Aroclor-1260	7.79	6.89	8.69	992397	1133770	14.25
Aroclor-1260 {2}	8.04	7.14	8.94	1565013	1763340	12.67
Aroclor-1260 {3}	9.63	8.73	10.53	1363320	1515248	11.14
Aroclor-1260 {4}	10.13	9.24	11.04	2951430	3385934	14.72
Aroclor-1260 {5}	10.72	9.82	11.62	2137641	2466854	15.40
<b>Average %D</b>						14.87

# AROCLOL INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

Instrument ID: GC-R  
GC Column (1st): DB-5

Data File: R8905.D R8904.D R8903.D R8902.D R8901.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.22	3.22	3.22	3.22	3.22	3.22	3.15	3.29
Aroclor-1016 {2}	4.05	4.05	4.05	4.05	4.05	4.05	3.98	4.12
Aroclor-1016 {3}	4.60	4.60	4.60	4.60	4.60	4.60	4.53	4.67
Aroclor-1016 {4}	5.11	5.11	5.11	5.11	5.11	5.11	5.04	5.18
Aroclor-1016 {5}	5.50	5.50	5.50	5.50	5.50	5.50	5.43	5.57
Aroclor-1221			2.13				2.06	2.20
Aroclor-1221 {2}			3.02				2.95	3.09
Aroclor-1221 {3}			3.14				3.07	3.21
Aroclor-1221 {4}			3.22				3.15	3.29
Aroclor-1221 {5}			3.81				3.74	3.88
Aroclor-1232			3.22				3.15	3.29
Aroclor-1232 {2}			4.05				3.98	4.12
Aroclor-1232 {3}			4.71				4.64	4.78
Aroclor-1232 {4}			5.31				5.24	5.38
Aroclor-1232 {5}			5.50				5.43	5.57
Aroclor-1242			4.05				3.98	4.12
Aroclor-1242 {2}			4.99				4.92	5.06
Aroclor-1242 {3}			5.31				5.24	5.38
Aroclor-1242 {4}			6.01				5.94	6.08
Aroclor-1242 {5}			6.28				6.21	6.35
Aroclor-1248			4.45				4.37	4.53
Aroclor-1248 {2}			4.99				4.91	5.07
Aroclor-1248 {3}			5.31				5.23	5.39
Aroclor-1248 {4}			6.01				5.93	6.09
Aroclor-1248 {5}			6.28				6.20	6.36
Aroclor-1254			6.41				6.33	6.49
Aroclor-1254 {2}			6.84				6.76	6.92
Aroclor-1254 {3}			7.01				6.92	7.10
Aroclor-1254 {4}			7.45				7.36	7.54
Aroclor-1254 {5}			8.29				8.20	8.38
Aroclor-1260	8.29	8.29	8.29	8.29	8.29	8.29	7.39	9.19
Aroclor-1260 {2}	8.97	8.97	8.97	8.97	8.97	8.97	8.07	9.87
Aroclor-1260 {3}	9.45	9.45	9.45	9.45	9.45	9.45	8.55	10.35
Aroclor-1260 {4}	9.93	9.93	9.93	9.93	9.93	9.93	9.03	10.83
Aroclor-1260 {5}	10.99	10.99	10.99	10.99	10.99	10.99	10.09	11.89

# AROCLOL INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

Instrument ID: GC-R  
GC Column (1st): DB-5

Data File: R8905.D   R8904.D   R8903.D   R8902.D   R8901.D

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1016	273388	262231	232321	216327	211748	239203	11.49
Aroclor-1016 {2}	355668	346400	312881	294629	287298	319375	9.56
Aroclor-1016 {3}	465937	440044	402716	378416	373098	412042	9.73
Aroclor-1016 {4}	209972	207662	184891	170691	168312	188306	10.51
Aroclor-1016 {5}	360579	333624	314804	298233	296099	320668	8.40
Aroclor-1221			94887				
Aroclor-1221 {2}			154466				
Aroclor-1221 {3}			94825				
Aroclor-1221 {4}			329982				
Aroclor-1221 {5}			71657				
Aroclor-1232			214046				
Aroclor-1232 {2}			121911				
Aroclor-1232 {3}			107288				
Aroclor-1232 {4}			114903				
Aroclor-1232 {5}			143470				
Aroclor-1242			219484				
Aroclor-1242 {2}			135896				
Aroclor-1242 {3}			188075				
Aroclor-1242 {4}			269670				
Aroclor-1242 {5}			244389				
Aroclor-1248			464016				
Aroclor-1248 {2}			261841				
Aroclor-1248 {3}			337846				
Aroclor-1248 {4}			509953				
Aroclor-1248 {5}			410435				
Aroclor-1254			579732				
Aroclor-1254 {2}			373682				
Aroclor-1254 {3}			674547				
Aroclor-1254 {4}			720918				
Aroclor-1254 {5}			623290				
Aroclor-1260	893716	880947	867411	809850	829207	856226	4.14
Aroclor-1260 {2}	414317	413297	400025	370970	381743	396070	4.86
Aroclor-1260 {3}	940915	954989	973088	902329	944898	943244	2.76
Aroclor-1260 {4}	505168	508145	519743	483352	517232	506728	2.84
Aroclor-1260 {5}	193767	206842	214645	195637	217355	205649	5.22
Average %RSD							6.95

# AROCLOL INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013      Instrument ID: GC-R  
 GC Column (2nd): DB-1701P

Data File: R8905.C R8904.C R8903.C R8902.C R8901.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.43	3.43	3.43	3.43	3.43	3.43	3.36	3.50
Aroclor-1016 {2}	4.00	4.00	4.00	4.00	4.00	4.00	3.93	4.07
Aroclor-1016 {3}	4.72	4.72	4.72	4.72	4.72	4.72	4.65	4.79
Aroclor-1016 {4}	4.92	4.92	4.92	4.92	4.92	4.92	4.85	4.99
Aroclor-1016 {5}	5.09	5.09	5.09	5.09	5.09	5.09	5.02	5.16
Aroclor-1221			2.21				2.14	2.28
Aroclor-1221 {2}			3.12				3.05	3.19
Aroclor-1221 {3}			3.34				3.27	3.41
Aroclor-1221 {4}			3.43				3.36	3.50
Aroclor-1221 {5}			4.72				4.65	4.79
Aroclor-1232			3.43				3.36	3.50
Aroclor-1232 {2}			4.37				4.30	4.44
Aroclor-1232 {3}			4.92				4.85	4.99
Aroclor-1232 {4}			5.09				5.02	5.16
Aroclor-1232 {5}			5.68				5.61	5.75
Aroclor-1242			4.37				4.30	4.44
Aroclor-1242 {2}			5.09				5.02	5.16
Aroclor-1242 {3}			5.68				5.61	5.75
Aroclor-1242 {4}			5.83				5.76	5.90
Aroclor-1242 {5}			6.36				6.29	6.43
Aroclor-1248			4.72				4.64	4.80
Aroclor-1248 {2}			5.29				5.21	5.37
Aroclor-1248 {3}			5.68				5.60	5.76
Aroclor-1248 {4}			5.83				5.75	5.91
Aroclor-1248 {5}			6.17				6.09	6.25
Aroclor-1254			6.66				6.58	6.74
Aroclor-1254 {2}			7.24				7.16	7.32
Aroclor-1254 {3}			7.67				7.58	7.76
Aroclor-1254 {4}			7.85				7.76	7.94
Aroclor-1254 {5}			8.66				8.57	8.75
Aroclor-1260	7.42	7.42	7.42	7.42	7.42	7.42	6.52	8.32
Aroclor-1260 {2}	7.67	7.67	7.67	7.67	7.67	7.67	6.77	8.57
Aroclor-1260 {3}	9.26	9.25	9.25	9.25	9.26	9.25	8.35	10.15
Aroclor-1260 {4}	9.76	9.76	9.76	9.76	9.76	9.76	8.86	10.66
Aroclor-1260 {5}	10.35	10.35	10.35	10.35	10.35	10.35	9.45	11.25

# AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

Instrument ID: GC-R  
GC Column (2nd): DB-1701P

Data File: R8905.C   R8904.C   R8903.C   R8902.C   R8901.C

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1016	310487	301042	267602	243632	237750	272103	12.08
Aroclor-1016 {2}	645599	605534	516583	472731	456250	539339	15.38
Aroclor-1016 {3}	1426225	1276806	1187827	1108723	1072668	1214450	11.70
Aroclor-1016 {4}	516529	544448	493102	455652	440983	490143	8.69
Aroclor-1016 {5}	435257	421935	384643	351242	349078	388431	10.19
Aroclor-1221			113088				
Aroclor-1221 {2}			164920				
Aroclor-1221 {3}			103383				
Aroclor-1221 {4}			377724				
Aroclor-1221 {5}			72409				
Aroclor-1232			248610				
Aroclor-1232 {2}			95062				
Aroclor-1232 {3}			197951				
Aroclor-1232 {4}			153040				
Aroclor-1232 {5}			214098				
Aroclor-1242			166381				
Aroclor-1242 {2}			268965				
Aroclor-1242 {3}			354665				
Aroclor-1242 {4}			287175				
Aroclor-1242 {5}			560240				
Aroclor-1248			541041				
Aroclor-1248 {2}			791761				
Aroclor-1248 {3}			570141				
Aroclor-1248 {4}			477960				
Aroclor-1248 {5}			283064				
Aroclor-1254			733486				
Aroclor-1254 {2}			566456				
Aroclor-1254 {3}			373499				
Aroclor-1254 {4}			562589				
Aroclor-1254 {5}			738640				
Aroclor-1260	542399	499412	432439	399390	394100	453548	14.34
Aroclor-1260 {2}	825827	719863	622456	572510	562332	660597	16.87
Aroclor-1260 {3}	630230	579776	546199	501283	510947	553687	9.54
Aroclor-1260 {4}	1255307	1165350	1154225	1060442	1104521	1147969	6.37
Aroclor-1260 {5}	865521	824908	830501	747665	819808	817681	5.26
Average %RSD						11.04	

# AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

Instrument ID: GC-R  
GC Column (1st): DB-5

Data File: R8905.D R8904.D R8903.D R8902.D R8901.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			8.67				8.55	8.79
Aroclor-1262 {2}			9.45				9.33	9.57
Aroclor-1262 {3}			10.08				9.96	10.20
Aroclor-1262 {4}			10.17				10.05	10.29
Aroclor-1262 {5}			10.99				10.87	11.11
Aroclor-1268			10.08				9.96	10.20
Aroclor-1268 {2}			10.17				10.05	10.29
Aroclor-1268 {3}			10.64				10.52	10.76
Aroclor-1268 {4}			10.77				10.65	10.89
Aroclor-1268 {5}			11.60				11.48	11.72

GC Column (2nd): DB-1701P

Data File: R8905.C R8904.C R8903.C R8902.C R8901.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			9.25				9.13	9.37
Aroclor-1262 {2}			9.76				9.64	9.88
Aroclor-1262 {3}			10.26				10.14	10.38
Aroclor-1262 {4}			10.34				10.22	10.46
Aroclor-1262 {5}			10.94				10.82	11.06
Aroclor-1268			10.26				10.14	10.38
Aroclor-1268 {2}			10.34				10.22	10.46
Aroclor-1268 {3}			10.59				10.47	10.71
Aroclor-1268 {4}			10.73				10.61	10.85
Aroclor-1268 {5}			11.81				11.69	11.93

# AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013      Instrument ID: GC-R  
 GC Column (1st): DB-5

Data File: R8905.D R8904.D R8903.D R8902.D R8901.D

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1262			246260				
Aroclor-1262 {2}			1165306				
Aroclor-1262 {3}			460057				
Aroclor-1262 {4}			482035				
Aroclor-1262 {5}			385857				
Aroclor-1268			1286259				
Aroclor-1268 {2}			1207455				
Aroclor-1268 {3}			1010486				
Aroclor-1268 {4}			249653				
Aroclor-1268 {5}			3159238				

GC Column (2nd): DB-1701P

Data File: R8905.C R8904.C R8903.C R8902.C R8901.C

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1262			658408				
Aroclor-1262 {2}			1403733				
Aroclor-1262 {3}			494503				
Aroclor-1262 {4}			957092				
Aroclor-1262 {5}			178872				
Aroclor-1268			1424262				
Aroclor-1268 {2}			1363218				
Aroclor-1268 {3}			1139890				
Aroclor-1268 {4}			293823				
Aroclor-1268 {5}			3530038				

# AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 04/30/2013

Instrument ID: GC-R

Data File: R9312.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.22	3.15	3.29	239203	229640	4.00
Aroclor-1016 {2}	4.05	3.98	4.12	319375	308340	3.46
Aroclor-1016 {3}	4.60	4.53	4.67	412042	398804	3.21
Aroclor-1016 {4}	5.11	5.04	5.18	188306	183734	2.43
Aroclor-1016 {5}	5.50	5.43	5.57	320668	312832	2.44
Aroclor-1260	8.29	7.39	9.19	856226	886887	3.58
Aroclor-1260 {2}	8.97	8.07	9.87	396070	418230	5.59
Aroclor-1260 {3}	9.45	8.55	10.35	943244	1023432	8.50
Aroclor-1260 {4}	9.93	9.03	10.83	506728	546981	7.94
Aroclor-1260 {5}	11.00	10.09	11.89	205649	231964	12.80
<b>Average %D</b>						<b>5.40</b>

Data File: R9312.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.43	3.36	3.50	272103	259717	4.55
Aroclor-1016 {2}	4.00	3.93	4.07	539339	498668	7.54
Aroclor-1016 {3}	4.72	4.65	4.79	1214450	1157628	4.68
Aroclor-1016 {4}	4.92	4.85	4.99	490143	479647	2.14
Aroclor-1016 {5}	5.09	5.02	5.16	388431	372283	4.16
Aroclor-1260	7.42	6.52	8.32	453548	424040	6.51
Aroclor-1260 {2}	7.67	6.77	8.57	660597	607672	8.01
Aroclor-1260 {3}	9.25	8.35	10.15	553687	541178	2.26
Aroclor-1260 {4}	9.76	8.86	10.66	1147969	1147196	0.07
Aroclor-1260 {5}	10.34	9.45	11.25	817681	841747	2.94
<b>Average %D</b>						<b>4.29</b>

# AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 04/30/2013

Instrument ID: GC-R

Data File: R9318.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.22	3.15	3.29	239203	231497	3.22
Aroclor-1016 {2}	4.05	3.98	4.12	319375	311938	2.33
Aroclor-1016 {3}	4.60	4.53	4.67	412042	403535	2.06
Aroclor-1016 {4}	5.11	5.04	5.18	188306	187018	0.68
Aroclor-1016 {5}	5.50	5.43	5.57	320668	319067	0.50
Aroclor-1260	8.29	7.39	9.19	856226	939769	9.76
Aroclor-1260 {2}	8.97	8.07	9.87	396070	445551	12.49
Aroclor-1260 {3}	9.45	8.55	10.35	943244	1094551	16.04
Aroclor-1260 {4}	9.93	9.03	10.83	506728	584974	15.44
Aroclor-1260 {5}	11.00	10.09	11.89	205649	244884	19.08
<b>Average %D</b>						<b>8.16</b>

Data File: R9318.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.43	3.36	3.50	272103	261240	3.99
Aroclor-1016 {2}	4.00	3.93	4.07	539339	502425	6.84
Aroclor-1016 {3}	4.72	4.65	4.79	1214450	1167308	3.88
Aroclor-1016 {4}	4.92	4.85	4.99	490143	484866	1.08
Aroclor-1016 {5}	5.09	5.02	5.16	388431	375863	3.24
Aroclor-1260	7.42	6.52	8.32	453548	438474	3.32
Aroclor-1260 {2}	7.67	6.77	8.57	660597	632177	4.30
Aroclor-1260 {3}	9.25	8.35	10.15	553687	586986	6.01
Aroclor-1260 {4}	9.75	8.86	10.66	1147969	1243199	8.30
Aroclor-1260 {5}	10.34	9.45	11.25	817681	912399	11.58
<b>Average %D</b>						<b>5.25</b>

# AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/01/2013      Instrument ID: GC-Y  
 GC Column (1st): DB-5

Data File: Y7817.D Y7816.D Y7815.D Y7814.D Y7813.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.21	3.21	3.21	3.21	3.21	3.21	3.14	3.28
Aroclor-1016 {2}	4.03	4.03	4.03	4.03	4.03	4.03	3.96	4.10
Aroclor-1016 {3}	4.58	4.58	4.58	4.58	4.58	4.58	4.51	4.65
Aroclor-1016 {4}	5.08	5.08	5.08	5.08	5.08	5.08	5.01	5.15
Aroclor-1016 {5}	5.47	5.47	5.47	5.47	5.47	5.47	5.40	5.54
Aroclor-1221			2.13				2.06	2.20
Aroclor-1221 {2}			3.01				2.94	3.08
Aroclor-1221 {3}			3.13				3.06	3.20
Aroclor-1221 {4}			3.21				3.14	3.28
Aroclor-1221 {5}			3.79				3.72	3.86
Aroclor-1232			3.21				3.14	3.28
Aroclor-1232 {2}			4.03				3.96	4.10
Aroclor-1232 {3}			4.69				4.62	4.76
Aroclor-1232 {4}			5.28				5.21	5.35
Aroclor-1232 {5}			5.47				5.40	5.54
Aroclor-1242			4.03				3.96	4.10
Aroclor-1242 {2}			4.96				4.89	5.03
Aroclor-1242 {3}			5.28				5.21	5.35
Aroclor-1242 {4}			5.97				5.90	6.04
Aroclor-1242 {5}			6.24				6.17	6.31
Aroclor-1248			4.43				4.35	4.51
Aroclor-1248 {2}			4.96				4.88	5.04
Aroclor-1248 {3}			5.28				5.20	5.36
Aroclor-1248 {4}			5.97				5.89	6.05
Aroclor-1248 {5}			6.24				6.16	6.32
Aroclor-1254			6.36				6.28	6.44
Aroclor-1254 {2}			6.80				6.72	6.88
Aroclor-1254 {3}			6.96				6.87	7.05
Aroclor-1254 {4}			7.39				7.30	7.48
Aroclor-1254 {5}			8.24				8.15	8.33
Aroclor-1260	8.23	8.24	8.24	8.24	8.24	8.24	7.34	9.14
Aroclor-1260 {2}	8.91	8.91	8.91	8.91	8.91	8.91	8.01	9.81
Aroclor-1260 {3}	9.38	9.38	9.38	9.38	9.38	9.38	8.48	10.28
Aroclor-1260 {4}	9.86	9.86	9.86	9.86	9.86	9.86	8.96	10.76
Aroclor-1260 {5}	10.92	10.92	10.92	10.92	10.92	10.92	10.02	11.82

# AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/01/2013

Instrument ID: GC-Y  
GC Column (1st): DB-5

Data File: Y7817.D Y7816.D Y7815.D Y7814.D Y7813.D

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1016	1469116	1490650	1458290	1505355	1399310	1464544	2.79
Aroclor-1016 {2}	2147485	2077768	2080310	2138429	2005997	2089998	2.72
Aroclor-1016 {3}	2769279	2688301	2715866	2812903	2617422	2720754	2.76
Aroclor-1016 {4}	1241222	1186478	1141299	1170728	1114867	1170919	4.10
Aroclor-1016 {5}	2210228	2107216	2135820	2210556	2100966	2152957	2.51
Aroclor-1221			552459				
Aroclor-1221 {2}			903478				
Aroclor-1221 {3}			601974				
Aroclor-1221 {4}			2214670				
Aroclor-1221 {5}			412439				
Aroclor-1232			1411113				
Aroclor-1232 {2}			810246				
Aroclor-1232 {3}			712294				
Aroclor-1232 {4}			821846				
Aroclor-1232 {5}			995887				
Aroclor-1242			1487031				
Aroclor-1242 {2}			931936				
Aroclor-1242 {3}			1373371				
Aroclor-1242 {4}			1884375				
Aroclor-1242 {5}			1795176				
Aroclor-1248			3219613				
Aroclor-1248 {2}			1856115				
Aroclor-1248 {3}			2530034				
Aroclor-1248 {4}			3640998				
Aroclor-1248 {5}			3033283				
Aroclor-1254			4413107				
Aroclor-1254 {2}			2931345				
Aroclor-1254 {3}			5454139				
Aroclor-1254 {4}			5379719				
Aroclor-1254 {5}			4994757				
Aroclor-1260	6503026	6156115	6139225	6258606	5764444	6164283	4.32
Aroclor-1260 {2}	2991916	2850331	2799810	2791791	2606273	2808024	4.93
Aroclor-1260 {3}	6694956	6695248	6729096	6723142	6289656	6626419	2.85
Aroclor-1260 {4}	3468167	3459184	3475492	3521864	3291610	3443263	2.56
Aroclor-1260 {5}	1505942	1505651	1363634	1369485	1247763	1398495	7.82

Average %RSD

3.74

# AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/01/2013      Instrument ID: GC-Y  
 GC Column (2nd): DB-1701P

Data File: Y7817.C Y7816.C Y7815.C Y7814.C Y7813.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.80	3.80	3.80	3.80	3.80	3.80	3.73	3.87
Aroclor-1016 {2}	4.40	4.40	4.40	4.40	4.40	4.40	4.33	4.47
Aroclor-1016 {3}	5.15	5.15	5.15	5.15	5.15	5.15	5.08	5.22
Aroclor-1016 {4}	5.36	5.36	5.36	5.36	5.36	5.36	5.29	5.43
Aroclor-1016 {5}	5.53	5.53	5.53	5.53	5.53	5.53	5.46	5.60
Aroclor-1221			2.47				2.40	2.54
Aroclor-1221 {2}			3.47				3.40	3.54
Aroclor-1221 {3}			3.71				3.64	3.78
Aroclor-1221 {4}			3.80				3.73	3.87
Aroclor-1221 {5}			5.15				5.08	5.22
Aroclor-1232			3.80				3.73	3.87
Aroclor-1232 {2}			4.78				4.71	4.85
Aroclor-1232 {3}			5.36				5.29	5.43
Aroclor-1232 {4}			5.53				5.46	5.60
Aroclor-1232 {5}			6.13				6.06	6.20
Aroclor-1242			4.79				4.72	4.86
Aroclor-1242 {2}			5.53				5.46	5.60
Aroclor-1242 {3}			6.13				6.06	6.20
Aroclor-1242 {4}			6.29				6.22	6.36
Aroclor-1242 {5}			6.82				6.75	6.89
Aroclor-1248			5.15				5.07	5.23
Aroclor-1248 {2}			5.73				5.65	5.81
Aroclor-1248 {3}			6.13				6.05	6.21
Aroclor-1248 {4}			6.28				6.20	6.36
Aroclor-1248 {5}			6.63				6.55	6.71
Aroclor-1254			7.12				7.04	7.20
Aroclor-1254 {2}			7.71				7.63	7.79
Aroclor-1254 {3}			8.32				8.23	8.41
Aroclor-1254 {4}			8.55				8.46	8.64
Aroclor-1254 {5}			9.14				9.05	9.23
Aroclor-1260	7.90	7.90	7.90	7.90	7.90	7.90	7.00	8.80
Aroclor-1260 {2}	8.15	8.15	8.15	8.15	8.15	8.15	7.25	9.05
Aroclor-1260 {3}	9.74	9.74	9.74	9.74	9.74	9.74	8.84	10.64
Aroclor-1260 {4}	10.24	10.25	10.25	10.25	10.25	10.25	9.35	11.15
Aroclor-1260 {5}	10.84	10.84	10.84	10.84	10.84	10.84	9.94	11.74

# AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/01/2013      Instrument ID: GC-Y  
 GC Column (2nd): DB-1701P

Data File: Y7817.C Y7816.C Y7815.C Y7814.C Y7813.C

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1016	557514	528679	438703	430690	393947	469907	14.82
Aroclor-1016 {2}	1140751	1050669	867500	845176	785445	937908	16.05
Aroclor-1016 {3}	2396600	2170002	1879629	1893844	1783645	2024744	12.49
Aroclor-1016 {4}	973703	914442	801936	787827	721187	839819	12.16
Aroclor-1016 {5}	766455	722094	616337	612442	565922	656650	12.78
Aroclor-1221			211196				
Aroclor-1221 {2}			283500				
Aroclor-1221 {3}			190016				
Aroclor-1221 {4}			664040				
Aroclor-1221 {5}			123764				
Aroclor-1232			428834				
Aroclor-1232 {2}			158584				
Aroclor-1232 {3}			342179				
Aroclor-1232 {4}			262668				
Aroclor-1232 {5}			366430				
Aroclor-1242			277720				
Aroclor-1242 {2}			461422				
Aroclor-1242 {3}			600383				
Aroclor-1242 {4}			501247				
Aroclor-1242 {5}			922106				
Aroclor-1248			903869				
Aroclor-1248 {2}			1335791				
Aroclor-1248 {3}			953188				
Aroclor-1248 {4}			810867				
Aroclor-1248 {5}			456920				
Aroclor-1254			1259365				
Aroclor-1254 {2}			959257				
Aroclor-1254 {3}			937706				
Aroclor-1254 {4}			528689				
Aroclor-1254 {5}			1252538				
Aroclor-1260	738914	722065	659921	644083	594925	671982	8.76
Aroclor-1260 {2}	1140025	1095488	940373	915347	853274	988901	12.42
Aroclor-1260 {3}	921123	891330	847374	842969	791227	858804	5.79
Aroclor-1260 {4}	1800728	1855465	1796824	1831061	1758580	1808532	2.03
Aroclor-1260 {5}	1329418	1414818	1323173	1339035	1272084	1335706	3.84

Average %RSD

10.11

# AROCLOL INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/01/2013

Instrument ID: GC-Y  
GC Column (1st): DB-5

Data File: Y7817.D Y7816.D Y7815.D Y7814.D Y7813.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			8.53				8.41	8.65
Aroclor-1262 {2}			9.38				9.26	9.50
Aroclor-1262 {3}			10.01				9.89	10.13
Aroclor-1262 {4}			10.10				9.98	10.22
Aroclor-1262 {5}			10.92				10.80	11.04
Aroclor-1268			10.01				9.89	10.13
Aroclor-1268 {2}			10.10				9.98	10.22
Aroclor-1268 {3}			10.57				10.45	10.69
Aroclor-1268 {4}			10.70				10.58	10.82
Aroclor-1268 {5}			11.52				11.40	11.64

GC Column (2nd): DB-1701P

Data File: Y7817.C Y7816.C Y7815.C Y7814.C Y7813.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			9.74				9.62	9.86
Aroclor-1262 {2}			10.24				10.12	10.36
Aroclor-1262 {3}			10.74				10.62	10.86
Aroclor-1262 {4}			10.83				10.71	10.95
Aroclor-1262 {5}			11.43				11.31	11.55
Aroclor-1268			10.74				10.62	10.86
Aroclor-1268 {2}			10.82				10.70	10.94
Aroclor-1268 {3}			11.08				10.96	11.20
Aroclor-1268 {4}			11.22				11.10	11.34
Aroclor-1268 {5}			12.30				12.18	12.42

# AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/01/2013      Instrument ID: GC-Y  
 GC Column (1st): DB-5

Data File: Y7817.D Y7816.D Y7815.D Y7814.D Y7813.D

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1262			4947596				
Aroclor-1262 {2}			9377202				
Aroclor-1262 {3}			3511100				
Aroclor-1262 {4}			3546325				
Aroclor-1262 {5}			2897770				
Aroclor-1268			9948029				
Aroclor-1268 {2}			9125819				
Aroclor-1268 {3}			7528535				
Aroclor-1268 {4}			1851415				
Aroclor-1268 {5}			22926119				

GC Column (2nd): DB-1701P

Data File: Y7817.C Y7816.C Y7815.C Y7814.C Y7813.C

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1262			1137988				
Aroclor-1262 {2}			2433152				
Aroclor-1262 {3}			872365				
Aroclor-1262 {4}			1697537				
Aroclor-1262 {5}			320737				
Aroclor-1268			2504689				
Aroclor-1268 {2}			2395557				
Aroclor-1268 {3}			2025230				
Aroclor-1268 {4}			521619				
Aroclor-1268 {5}			6794017				

# AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/01/2013      Instrument ID: GC-Y

Data File: Y7825.D      GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.21	3.14	3.28	1464544	1488898	1.66
Aroclor-1016 {2}	4.03	3.96	4.10	2089998	2123142	1.59
Aroclor-1016 {3}	4.58	4.51	4.65	2720754	2770973	1.85
Aroclor-1016 {4}	5.08	5.01	5.15	1170919	1173722	0.24
Aroclor-1016 {5}	5.47	5.40	5.54	2152957	2211548	2.72
Aroclor-1260	8.24	7.34	9.14	6164283	6568909	6.56
Aroclor-1260 {2}	8.91	8.01	9.81	2808024	2979568	6.11
Aroclor-1260 {3}	9.38	8.48	10.28	6626419	7256868	9.51
Aroclor-1260 {4}	9.86	8.96	10.76	3443263	3775416	9.65
Aroclor-1260 {5}	10.92	10.02	11.82	1398495	1501150	7.34
<b>Average %D</b>						<b>4.72</b>

Data File: Y7825.C      GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.79	3.73	3.87	469907	456361	2.88
Aroclor-1016 {2}	4.40	4.33	4.47	937908	897635	4.29
Aroclor-1016 {3}	5.15	5.08	5.22	2024744	1938029	4.28
Aroclor-1016 {4}	5.36	5.29	5.43	839819	833799	0.72
Aroclor-1016 {5}	5.53	5.46	5.60	656650	639137	2.67
Aroclor-1260	7.90	7.00	8.80	671982	693043	3.13
Aroclor-1260 {2}	8.15	7.25	9.05	988901	983197	0.58
Aroclor-1260 {3}	9.74	8.84	10.64	858804	885791	3.14
Aroclor-1260 {4}	10.24	9.35	11.15	1808532	1864148	3.08
Aroclor-1260 {5}	10.83	9.94	11.74	1335706	1368675	2.47
<b>Average %D</b>						<b>2.72</b>

# AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/02/2013

Instrument ID: GC-Y

Data File: Y7850.D

GC Column (1st): DB-5

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.20	3.14	3.28	1464544	1590352	8.59
Aroclor-1016 {2}	4.03	3.96	4.10	2089998	2233056	6.84
Aroclor-1016 {3}	4.57	4.51	4.65	2720754	2942905	8.17
Aroclor-1016 {4}	5.08	5.01	5.15	1170919	1311955	12.04
Aroclor-1016 {5}	5.47	5.40	5.54	2152957	2333155	8.37
Aroclor-1260	8.23	7.34	9.14	6164283	7037079	14.16
Aroclor-1260 {2}	8.91	8.01	9.81	2808024	3186602	13.48
Aroclor-1260 {3}	9.38	8.48	10.28	6626419	7922263	19.56
Aroclor-1260 {4}	9.86	8.96	10.76	3443263	4056346	17.81
Aroclor-1260 {5}	10.91	10.02	11.82	1398495	1526190	9.13
<b>Average %D</b>						<b>11.81</b>

Data File: Y7850.C

GC Column (2nd): DB-1701P

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.80	3.73	3.87	469907	503320	7.11
Aroclor-1016 {2}	4.40	4.33	4.47	937908	983683	4.88
Aroclor-1016 {3}	5.15	5.08	5.22	2024744	2189299	8.13
Aroclor-1016 {4}	5.36	5.29	5.43	839819	921136	9.68
Aroclor-1016 {5}	5.54	5.46	5.60	656650	714687	8.84
Aroclor-1260	7.90	7.00	8.80	671982	793640	18.10
Aroclor-1260 {2}	8.15	7.25	9.05	988901	1123410	13.60
Aroclor-1260 {3}	9.74	8.84	10.64	858804	987765	15.02
Aroclor-1260 {4}	10.24	9.35	11.15	1808532	2057497	13.77
Aroclor-1260 {5}	10.83	9.94	11.74	1335706	1493242	11.79
<b>Average %D</b>						<b>11.09</b>

## PCB RETENTION TIME SHIFT SUMMARY

**Instrument ID:** GC-Y

**Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1      2.79      DCB 1      12.06      TCMX 2      2.87      DCB 2      12.39

Client ID	Sample ID	Lab	Date	Time	TCMX 1	DCB 1	TCMX 2	DCB 2
		Analyzed	Analyzed	RT	#	RT	#	RT
PCB	BLKA130425-08	04/26/2013	08:46	2.79		12.06	2.87	12.39
FB-1	03600-001	04/26/2013	09:03	2.79		12.07	2.87	12.39
FB-2	03600-002	04/26/2013	09:20	2.79		12.06	2.87	12.39
TWP1	03600-013	04/26/2013	09:37	2.79		12.06	2.87	12.39
TWP101	03600-015	04/26/2013	09:55	2.79		12.07	2.87	12.39
TWP2	03600-017	04/26/2013	10:12	2.79		12.06	2.87	12.39
PCB	03600-013MS	04/26/2013	10:29	2.79		12.07	2.87	12.39
PCB	03600-013MSD	04/26/2013	10:46	2.79		12.07	2.87	12.39
PCB	LCSA130425-08	04/26/2013	11:03	2.79		12.07	2.87	12.39

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene                          (  $\pm$  0.10 Minutes )

DCB = Decachlorobiphenyl                                  (  $\pm$  0.10 Minutes )

# Column to be used to flag recovery values

\* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

## PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-R

Column: DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1	<u>2.75</u>	DCB 1	<u>12.10</u>	TCMX 2	<u>2.60</u>	DCB 2	<u>12.02</u>
--------	-------------	-------	--------------	--------	-------------	-------	--------------

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT #	DCB 1 RT #	TCMX 2 RT #	DCB 2 RT #
PCB	BLKA130426-26	04/30/2013	02:31	2.75	12.10	2.60	12.02
TW-8/6.43	03695-004	04/30/2013	02:48	2.75	12.10	2.61	12.02
FB-73	03615-031	04/30/2013	03:06	2.75	12.10	2.60	12.02
FB-74	03661-047	04/30/2013	03:23	2.75	12.10	2.61	12.02
PCB	LCSA130426-26	04/30/2013	03:40	2.75	12.10	2.60	12.02

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

(  $\pm$  0.10 Minutes )

DCB = Decachlorobiphenyl

(  $\pm$  0.10 Minutes )

# Column to be used to flag recovery values

\* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

## PCB RETENTION TIME SHIFT SUMMARY

**Instrument ID:** GC-Y

**Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1	2.79	DCB 1	12.07	TCMX 2	2.87	DCB 2	12.39
--------	------	-------	-------	--------	------	-------	-------

Client ID	Lab	Date	Time	TCMX 1	DCB 1	TCMX 2	DCB 2
Client ID	Sample ID	Date Analyzed	Time Analyzed	RT #	RT #	RT #	RT #
PCB	BLKS130426-22	04/30/2013	08:53	2.79	12.07	2.87	12.39
Y-37W_(2.0	03615-010	04/30/2013	09:44	2.79	12.06	2.87	12.39
W-36E_(2.0	03615-011	04/30/2013	10:26	2.79	12.06	2.87	12.39
W-36N_(2.0	03615-012	04/30/2013	10:43	2.79	12.06	2.87	12.39
M-20S_(0-2	03615-013	04/30/2013	11:00	2.79	12.07	2.87	12.39
M-20W_(0-2	03615-014	04/30/2013	11:18	2.79	12.07	2.87	12.39
M-20E_(0-2	03615-016	04/30/2013	11:52	2.79	12.07	2.87	12.39
L-19S_(0-2	03615-017	04/30/2013	12:09	2.79	12.07	2.87	12.39
L-19W_(0-2	03615-018	04/30/2013	12:26	2.79	12.07	2.87	12.39
L-19N_(0-2	03615-019	04/30/2013	12:43	2.79	12.06	2.87	12.39
Q-21W_(0-2	03615-024	04/30/2013	14:09	2.79	12.06	2.87	12.39
Q-21W_(2.0	03615-025	04/30/2013	14:55	2.79	12.06	2.87	12.39
Q-21S_(2.0	03615-027	04/30/2013	15:30	2.79	12.06	2.87	12.39
PCB	03615-027MS	04/30/2013	15:47	2.79	12.07	2.87	12.39
PCB	03615-027MSD	04/30/2013	16:04	2.79	12.06	2.87	12.39
PCB	LCSS130426-22	04/30/2013	16:21	2.79	12.07	2.87	12.39
Y-37S_(2.0	03615-008	04/30/2013	17:39	0.00 D	0.00 D	0.00 D	0.00 D
Y-37W_(0-2	03615-009	04/30/2013	17:56	2.79	12.07	2.87	12.39
M-20N_(0-2	03615-015	04/30/2013	18:13	2.79	12.07	2.87	12.39
L-19E_(0-2	03615-020	04/30/2013	18:30	2.79	12.07	2.87	12.39
M-17S_(0-2	03615-021	04/30/2013	18:48	2.79	12.07	2.87	12.39
M-17W_(0-2	03615-022	04/30/2013	19:05	2.80	12.07	2.87	12.39
M-17N_(0-2	03615-023	04/30/2013	19:22	2.79	12.07	2.87	12.39
Q-21S_(0-2	03615-026	04/30/2013	19:39	2.79	12.06	2.87	12.39

Surrogate QC Limits

**TCMX = Tetrachloro-m-xylene**

(  $\pm$  0.10 Minutes )

**DCB = Decachlorobiphenyl**

(  $\pm$  0.10 Minutes )

# Column to be used to flag recovery values

\* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

**PCB RETENTION TIME SHIFT SUMMARY**

**Instrument ID:** GC-Y

**Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1	<u>2.79</u>	DCB 1	<u>12.07</u>	TCMX 2	<u>2.87</u>	DCB 2	<u>12.39</u>
--------	-------------	-------	--------------	--------	-------------	-------	--------------

Client ID	Lab	Date	Time	TCMX 1	DCB 1	TCMX 2	DCB 2
	Sample ID	Analyzed	Analyzed	RT #	RT #	RT #	RT #
PCB	BLKS130426-16	04/30/2013	00:34	2.79	12.07	2.87	12.39
S-1	03608-001	04/30/2013	00:51	2.79	12.07	2.87	12.39
S-2	03608-002	04/30/2013	01:08	2.79	12.07	2.87	12.39
S-3	03608-003	04/30/2013	01:25	2.79	12.07	2.87	12.39
S-5	03608-004	04/30/2013	01:43	2.79	12.07	2.87	12.39
S-6	03608-005	04/30/2013	02:00	2.79	12.07	2.87	12.39
S-9	03608-006	04/30/2013	02:17	2.79	12.07	2.87	12.39
S-10	03608-007	04/30/2013	02:34	2.79	12.07	2.87	12.39
S-11	03608-008	04/30/2013	02:51	2.79	12.07	2.87	12.39
S-14	03608-009	04/30/2013	03:08	2.79	12.07	2.87	12.39
S-15	03608-010	04/30/2013	03:25	2.79	12.07	2.87	12.39
S-1	03610-001	04/30/2013	03:42	2.79	12.07	2.87	12.39
S-2	03610-002	04/30/2013	04:00	2.79	12.07	2.87	12.39
S-3	03610-003	04/30/2013	04:17	2.79	12.07	2.87	12.39
S-4	03610-004	04/30/2013	04:34	2.79	12.07	2.87	12.39
S-5	03610-005	04/30/2013	04:51	2.79	12.07	2.87	12.39
W-31W_(0-2)	03615-001	04/30/2013	05:08	2.79	12.06	2.87	12.38
W-31N_(0-2)	03615-002	04/30/2013	05:25	2.79	12.06	2.87	12.39
W-31E_(0-2)	03615-003	04/30/2013	05:42	2.79	12.06	2.87	12.39
W-31S_(0-2)	03615-004	04/30/2013	06:00	2.79	12.06	2.87	12.39
Y-33N_(0-2)	03615-005	04/30/2013	06:17	2.79	12.06	2.87	12.39
PCB	03608-010MS	04/30/2013	06:34	2.79	12.07	2.87	12.39
PCB	03608-010MSD	04/30/2013	06:51	2.79	12.07	2.87	12.39
PCB	LCSS130426-16	04/30/2013	07:25	2.79	12.07	2.87	12.39

Surrogate QC Limits

**TCMX = Tetrachloro-m-xylene**

(  $\pm$  0.10 Minutes )

**DCB = Decachlorobiphenyl**

(  $\pm$  0.10 Minutes )

# Column to be used to flag recovery values

\* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

## PCB RETENTION TIME SHIFT SUMMARY

**Instrument ID:** GC-Y

**Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1	2.75	DCB 1	12.01	TCMX 2	2.91	DCB 2	12.52
--------	------	-------	-------	--------	------	-------	-------

Client ID	Lab	Date	Time	TCMX 1	DCB 1	TCMX 2	DCB 2
	Sample ID	Analyzed	Analyzed	RT #	RT #	RT #	RT #
PCB	BLKS130426-25	05/01/2013	16:59	2.75	12.01	2.91	12.52
Y-33W_(0-2)	03615-006	05/01/2013	17:16	2.75	12.01	2.91	12.52
Y-37S_(0-2)	03615-007	05/01/2013	17:33	2.75	12.01	2.91	12.52
Q-21E_(0-2)	03615-028	05/01/2013	17:50	2.75	12.01	2.91	12.52
Q-21E_(2.0)	03615-029	05/01/2013	18:08	2.75	12.01	2.91	12.52
S-22N_(0-2)	03615-030	05/01/2013	18:25	2.75	12.01	2.91	12.52
42213-A	03647-001	05/01/2013	18:42	2.76	12.01	2.91	12.52
S-22W_(0-2)	03661-001	05/01/2013	18:59	2.75	12.01	2.91	12.52
S-22S_(0-2)	03661-002	05/01/2013	19:16	2.75	12.01	2.91	12.52
S-22E_(0-2)	03661-003	05/01/2013	19:33	0.00	D	0.00	D
Z-38W_(0-2)	03661-004	05/01/2013	19:51	2.75	12.01	2.91	12.52
Z-38W_(2.0)	03661-005	05/01/2013	20:08	2.75	12.01	2.91	12.51
Z-38W_(4.0)	03661-006	05/01/2013	20:25	2.75	12.01	2.91	12.52
Z-39N_(0-2)	03661-007	05/01/2013	20:42	2.75	12.01	2.91	12.51
Z-39N_(2.0)	03661-008	05/01/2013	20:59	0.00	D	0.00	D
Z-39E_(4.0)	03661-009	05/01/2013	21:16	2.75	12.01	2.91	12.52
Z-40E_(0-2)	03661-010	05/01/2013	21:34	2.75	12.01	2.91	12.51
Z-40E_(4.0)	03661-011	05/01/2013	21:51	2.76	12.01	2.91	12.52
Z-40E_(5.0)	03661-012	05/01/2013	22:08	2.76	12.01	2.91	12.52
Z-40S_(0-2)	03661-013	05/01/2013	22:25	2.75	12.01	2.91	12.51
Z-40S_(2.0)	03661-014	05/01/2013	22:42	2.75	12.01	2.91	12.51
PCB	03661-014MS	05/01/2013	22:59	2.75	12.01	2.91	12.51
PCB	03661-014MSD	05/01/2013	23:17	2.75	12.01	2.91	12.51
PCB	LCSS130426-25	05/01/2013	23:51	2.75	12.01	2.91	12.51

Surrogate QC Limits

**TCMX = Tetrachloro-m-xylene**

(  $\pm$  0.10 Minutes )

**DCB = Decachlorobiphenyl**

(  $\pm$  0.10 Minutes )

# Column to be used to flag recovery values

\* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

**PCB SAMPLE DATA**

E13-03615 0100

Data Path : C:\MSDCHEM\1\DATA\04-29-13\  
 Data File : Y7732.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 5:08  
 Operator : NG  
 Sample : W-31W\_(0-2,03615-001,S,5.60g,24.6,04/26/13,4  
 Misc : 130426-16,04/19/13,04/19/13,20  
 ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 01 13:37:24 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.79	2.87	728.9E6	316.8E6	5.357	8.302 #
Spiked Amount	200.000		Recovery	=	2.68%	4.15%
2) S DCB	12.06	12.38	335.7E6	76846494	6.743m	7.390m
Spiked Amount	200.000		Recovery	=	3.37%	3.69%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.48	5.06	644.8E6	275.7E6	143.194	221.494 #
24) L6 Aroclor-1248 {2}	5.01	5.63	416.9E6	351.6E6	153.033	174.626
25) L6 Aroclor-1248 {3}	5.33	6.03	726.7E6	221.9E6	201.400	155.667
26) L6 Aroclor-1248 {4}	6.03	6.16	1360.3E6	1027.6E6	217.466	795.657 #
27) L6 Aroclor-1248 {5}	6.31	6.55	699.3E6	225.8E6	177.331	331.841 #
Sum Aroclor-1248			3848.0E6	2102.6E6	892.423	1679.285
Average Aroclor-1248					178.485	335.857
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.30	7.79	4071.2E6	1006.9E6	453.387	1014.655 #
34) L8 Aroclor-1260 {2}	8.97	8.04	2328.1E6	1180.3E6	562.814	754.169 #
35) L8 Aroclor-1260 {3}	9.44	9.62	6669.4E6	1266.3E6	546.399	928.830 #
36) L8 Aroclor-1260 {4}	9.93	10.13	2953.3E6	3255.6E6	528.730	1103.048 #
37) L8 Aroclor-1260 {5}	10.98	10.71	1992.3E6	2233.2E6	714.039	1044.714 #
Sum Aroclor-1260			18014.3E6	8942.3E6	2805.369	4845.415
Average Aroclor-1260					561.074	969.083
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Data Path : C:\MSDCHEM\1\DATA\04-29-13\  
Data File : Y7732.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 5:08  
Operator : NG  
Sample : W-31W\_(0-2,03615-001,S,5.60g,24.6,04/26/13,4  
Misc : 130426-16,04/19/13,04/19/13,20  
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 01 13:37:24 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :

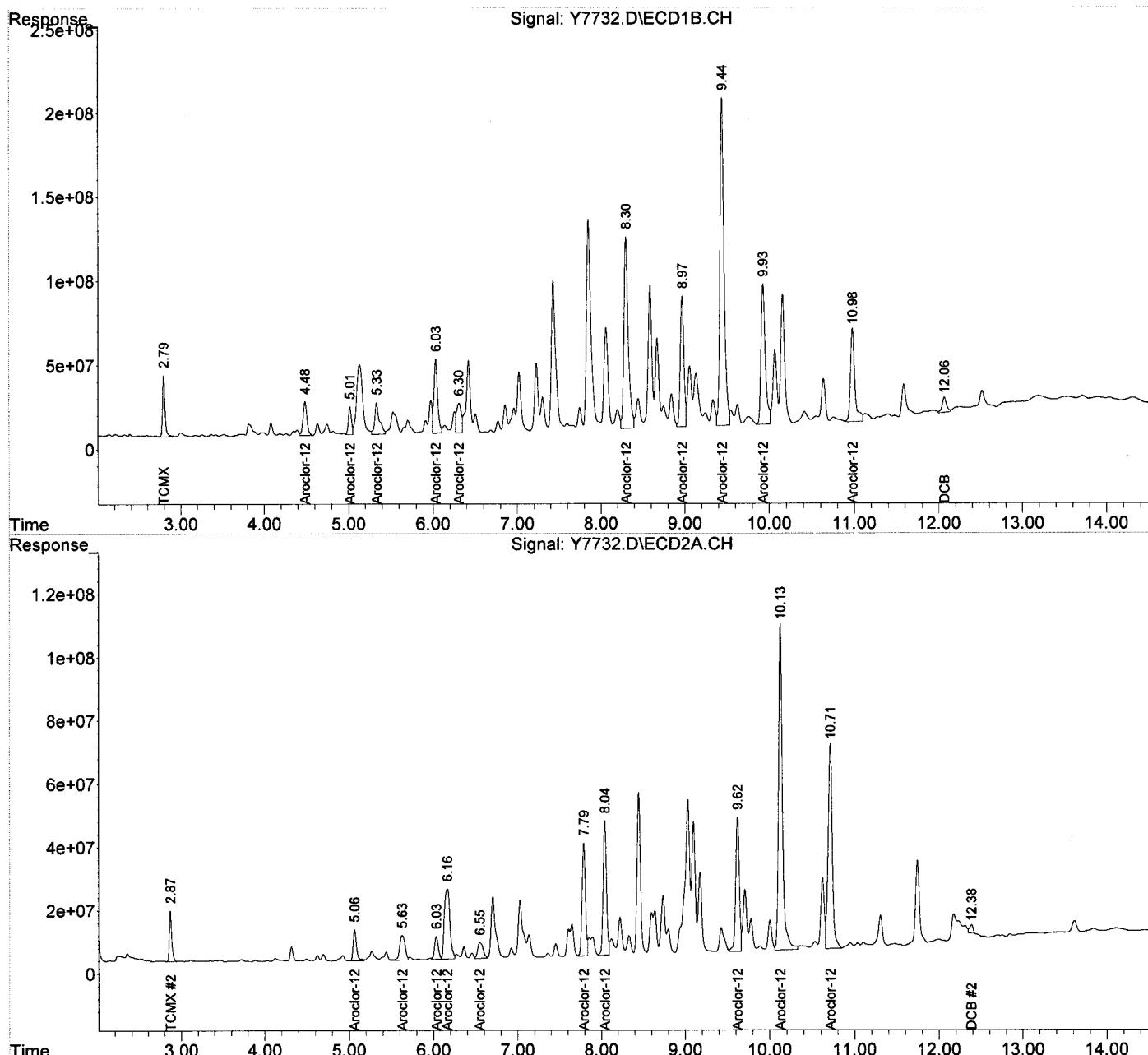
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-29-13\  
 Data File : Y7732.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 5:08  
 Operator : NG  
 Sample : W-31W\_(0-2,03615-001,S,5.60g,24.6,04/26/13,4  
 Misc : 130426-16,04/19/13,04/19/13,20  
 ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 01 13:37:24 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\04-29-13\  
 Data File : Y7733.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 5:25  
 Operator : NG  
 Sample : W-31N\_(0-2,03615-002,S,5.70g,20.8,04/26/13,4  
 Misc : 130426-16,04/19/13,04/19/13,20  
 ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 01 13:25:01 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
----------	------	------	--------	--------	------	------

## System Monitoring Compounds

1) S TCMX	2.79	2.87	688.0E6	324.1E6	5.057	8.493 #
Spiked Amount	200.000			Recovery	=	2.53% 4.25%
2) S DCB	12.06	12.39	331.1E6	112.6E6	6.652m	10.833m#
Spiked Amount	200.000			Recovery	=	3.33% 5.42%

## Target Compounds

Sum Aroclor-1016		0	0	N.D.	N.D.
Average Aroclor-1016				0.000	0.000

Sum Aroclor-1221		0	0	N.D.	N.D.
Average Aroclor-1221				0.000	0.000

Sum Aroclor-1232		0	0	N.D.	N.D.
Average Aroclor-1232				0.000	0.000

Sum Aroclor-1242		0	0	N.D.	N.D.
Average Aroclor-1242				0.000	0.000

Sum Aroclor-1248		0	0	N.D.	N.D.
Average Aroclor-1248				0.000	0.000

Sum Aroclor-1254		0	0	N.D.	N.D.
Average Aroclor-1254				0.000	0.000

33) L8 Aroclor-1260	8.29	7.79	604.4E6	232.0E6	67.304	233.743m#	
34) L8 Aroclor-1260	{2}	8.97	8.04	559.4E6	278.2E6	135.236	177.791m#
35) L8 Aroclor-1260	{3}	9.44	9.62	1782.3E6	285.2E6	146.018	209.208m#
36) L8 Aroclor-1260	{4}	9.92	10.12	869.9E6	712.3E6	155.736	241.356m#
37) L8 Aroclor-1260	{5}	10.98	10.71	883.3E6	363.0E6	316.566	169.835m#
Sum Aroclor-1260			4699.2E6	1870.8E6	820.859	1031.933	
Average Aroclor-1260					164.172	206.387	

Sum Aroclor-1262		0	0	N.D.	N.D.
Average Aroclor-1262				0.000	0.000

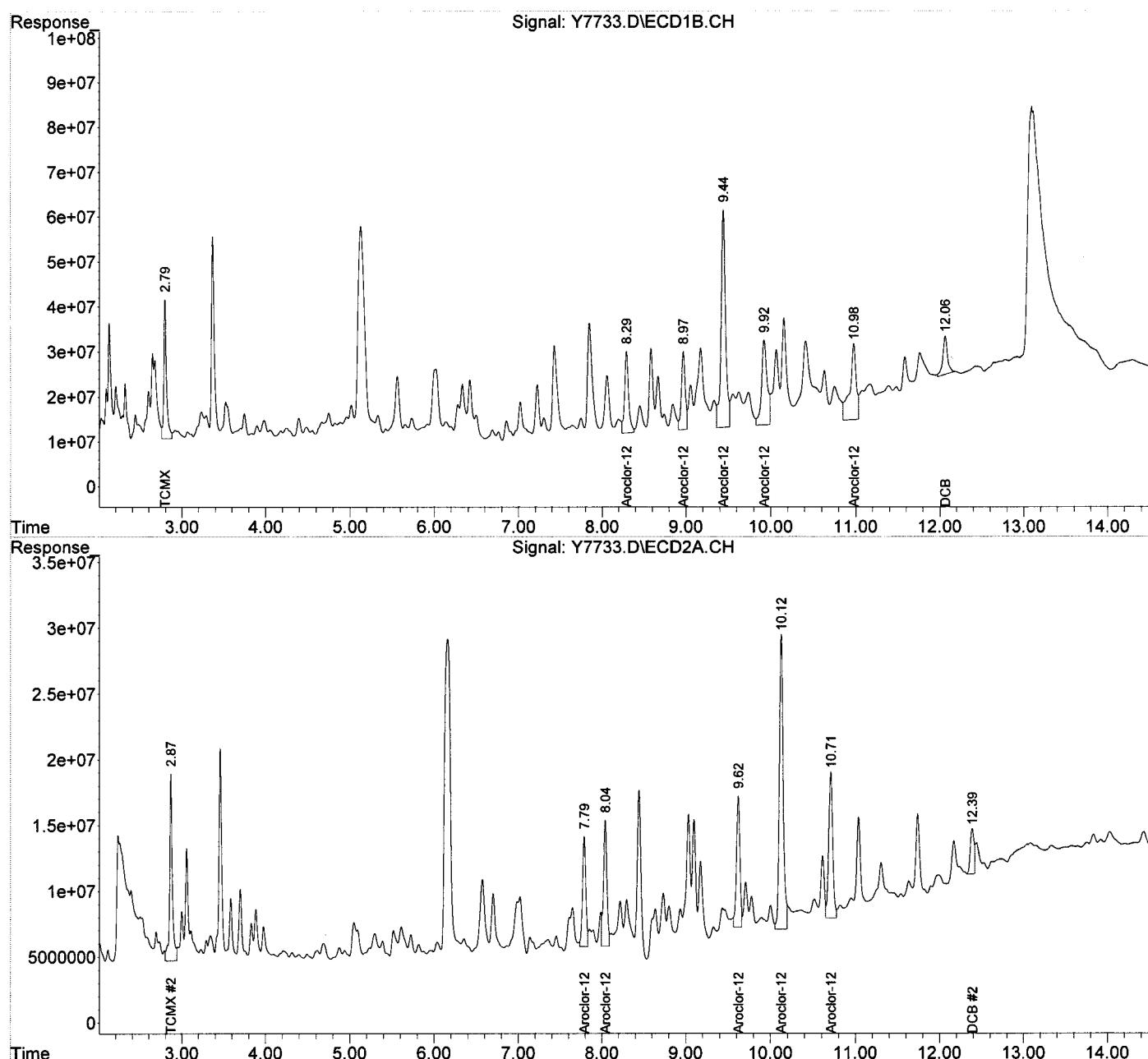
Sum Aroclor-1268		0	0	N.D.	N.D.
Average Aroclor-1268				0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-29-13\  
Data File : Y7733.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 5:25  
Operator : NG  
Sample : W-31N\_(0-2,03615-002,S,5.70g,20.8,04/26/13,4  
Misc : 130426-16,04/19/13,04/19/13,20  
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 01 13:25:01 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\  
 Data File : Y7734.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 5:42  
 Operator : NG  
 Sample : W-31E\_(0-2,03615-003,S,5.30g,36.6,04/26/13,4  
 Misc : 130426-16,04/19/13,04/19/13,20  
 ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 01 13:35:00 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
<hr/>							
System Monitoring Compounds							
1) S TCMX	2.79	2.87	577.8E6	285.5E6	4.247m	7.481 #	
Spiked Amount	200.000		Recovery	=	2.12%	3.74%	
2) S DCB	12.06	12.39	265.2E6	78752328	5.328m	7.574m#	
Spiked Amount	200.000		Recovery	=	2.66%	3.79%	
<hr/>							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
Sum Aroclor-1260			0	0	N.D.	N.D.	
Average Aroclor-1260					0.000	0.000	
38) L9 Aroclor-1262	8.59	9.62	314.6E6	252.1E6	38.016	142.113m#	
39) L9 Aroclor-1262	{2}	9.44	10.12	827.5E6	391.2E6	47.731m	95.130m#
40) L9 Aroclor-1262	{3}	10.07	10.62	516.1E6	68173574	82.070	52.116m#
41) L9 Aroclor-1262	{4}	10.16	10.71	644.9E6	176.0E6	72.547	59.226m
42) L9 Aroclor-1262	{5}	10.98	11.30	291.9E6	115.9E6	49.566m	179.639m#
Sum Aroclor-1262				2595.0E6	1003.3E6	289.930	528.224
Average Aroclor-1262						57.986	105.645
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	
<hr/>							

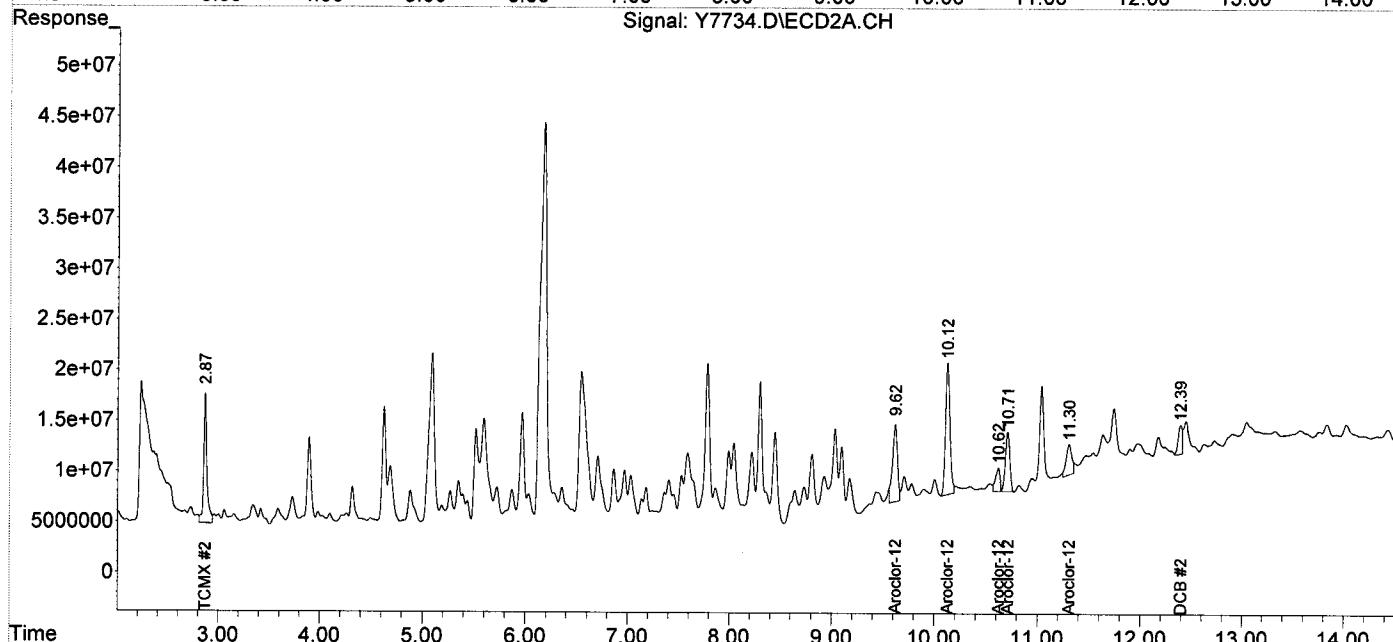
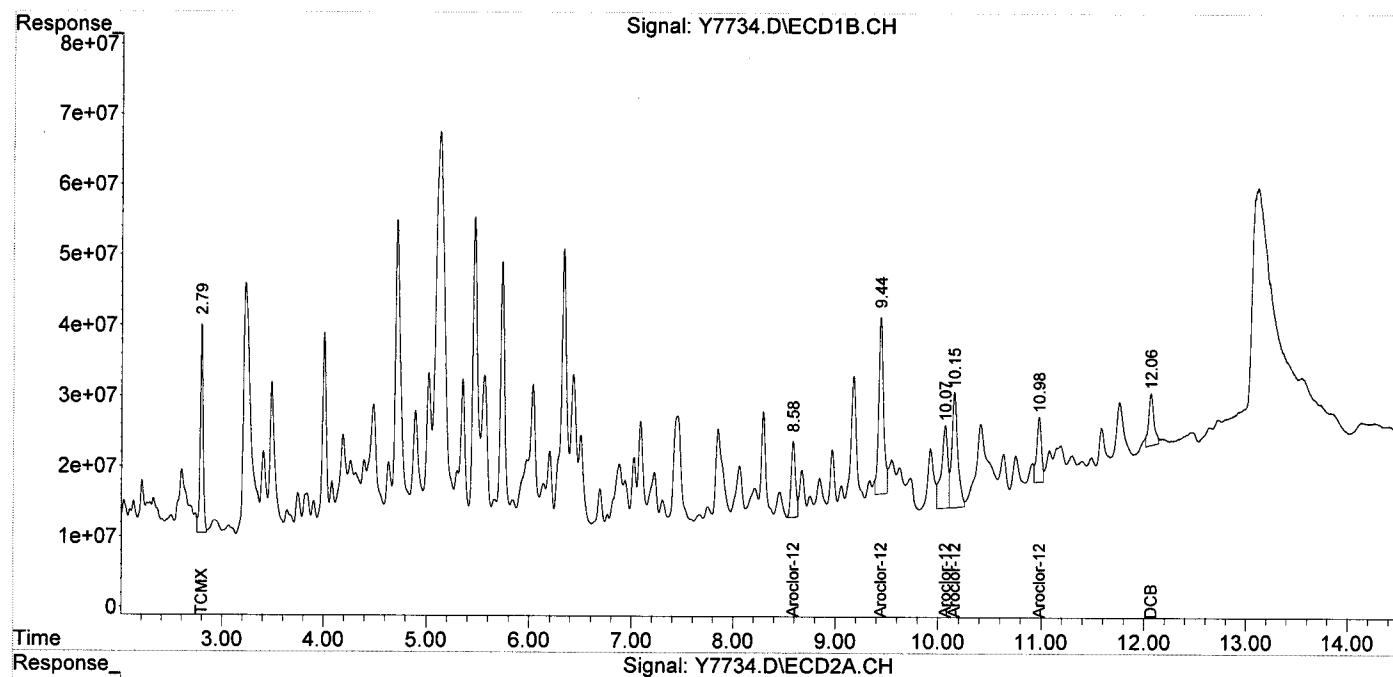
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\  
Data File : Y7734.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 5:42  
Operator : NG  
Sample : W-31E\_(0-2,03615-003,S,5.30g,36.6,04/26/13,4  
Misc : 130426-16,04/19/13,04/19/13,20  
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 01 13:35:00 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\04-29-13\  
 Data File : Y7735.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 6:00  
 Operator : NG  
 Sample : W-31S\_(0-2,03615-004,S,5.30g,26.3,04/26/13,4  
 Misc : 130426-16,04/19/13,04/19/13,20  
 ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 01 13:27:34 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

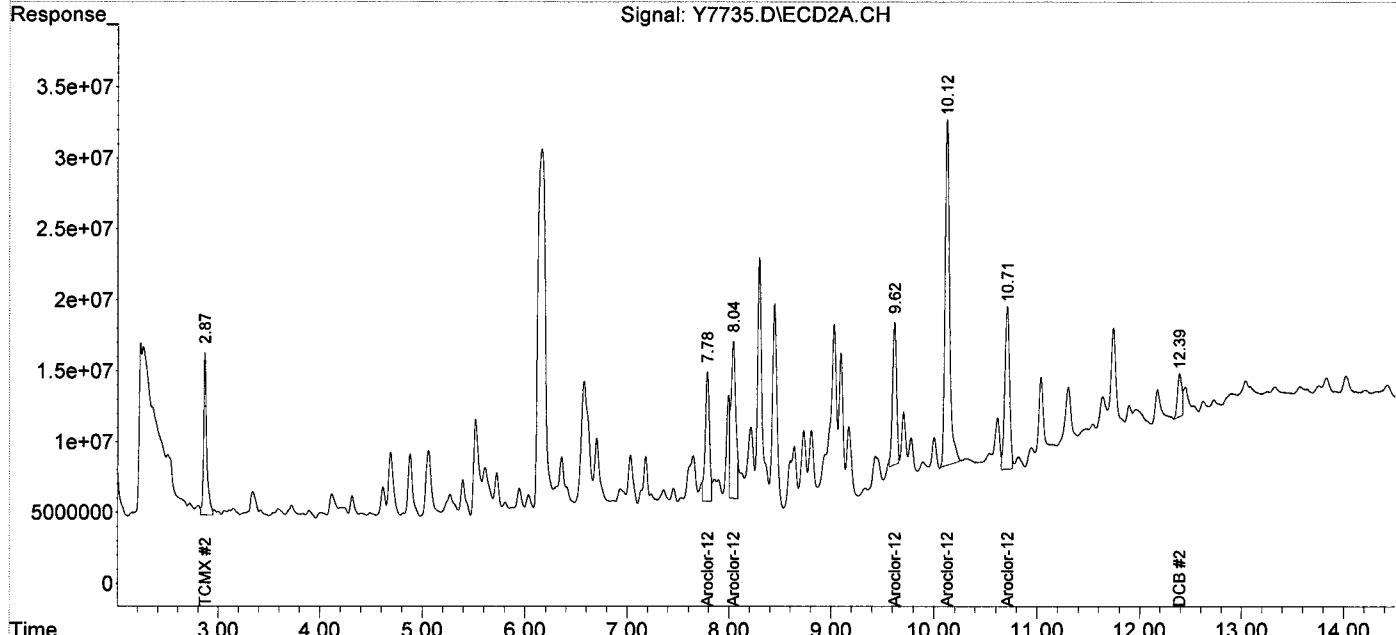
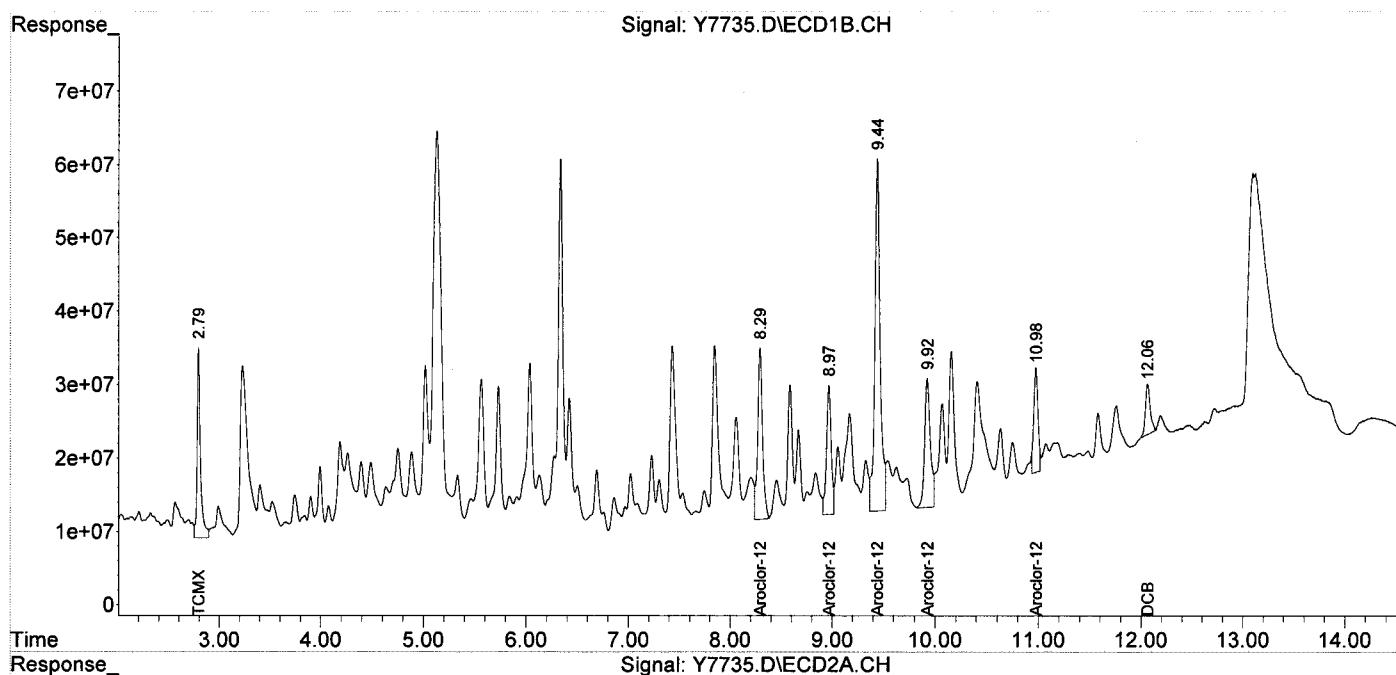
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
<hr/>							
System Monitoring Compounds							
1) S TCMX	2.79	2.87	596.0E6	245.8E6	4.381m	6.442 #	
Spiked Amount	200.000			Recovery	=	2.19% 3.22%	
2) S DCB	12.06	12.39	224.6E6	91706168	4.512m	8.819m#	
Spiked Amount	200.000			Recovery	=	2.26% 4.41%	
<hr/>							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
33) L8 Aroclor-1260	8.29	7.78	765.9E6	264.3E6	85.297	266.375m#	
34) L8 Aroclor-1260	{2}	8.97	8.04	560.5E6	372.0E6	135.491	237.723m#
35) L8 Aroclor-1260	{3}	9.44	9.62	1743.0E6	272.0E6	142.794	199.496m#
36) L8 Aroclor-1260	{4}	9.92	10.12	680.1E6	748.1E6	121.756	253.480m#
37) L8 Aroclor-1260	{5}	10.98	10.71	403.1E6	366.4E6	144.456m	171.418m
Sum Aroclor-1260			4152.5E6	2022.9E6	629.793	1128.491	
Average Aroclor-1260					125.959	225.698	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	
<hr/>							

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-29-13\  
Data File : Y7735.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 6:00  
Operator : NG  
Sample : W-31S\_(0-2,03615-004,S,5.30g,26.3,04/26/13,4  
Misc : 130426-16,04/19/13,04/19/13,20  
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 01 13:27:34 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\04-29-13\  
 Data File : Y7736.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 6:17  
 Operator : NG  
 Sample : Y-33N\_(0-2,03615-005,S,5.60g,25.3,04/26/13,4  
 Misc : 130426-16,04/19/13,04/19/13,20  
 ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 01 13:32:34 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
----------	------	------	--------	--------	------	------

#### System Monitoring Compounds

1) S TCMX	2.79	2.87	675.1E6	279.5E6	4.961	7.325 #
Spiked Amount	200.000			Recovery	=	2.48% 3.66%
2) S DCB	12.06	12.39	373.4E6	102.0E6	7.501m	9.809m#
Spiked Amount	200.000			Recovery	=	3.75% 4.90%

#### Target Compounds

Sum Aroclor-1016		0	0	N.D.	N.D.
Average Aroclor-1016				0.000	0.000

Sum Aroclor-1221		0	0	N.D.	N.D.
Average Aroclor-1221				0.000	0.000

Sum Aroclor-1232		0	0	N.D.	N.D.
Average Aroclor-1232				0.000	0.000

Sum Aroclor-1242		0	0	N.D.	N.D.
Average Aroclor-1242				0.000	0.000

Sum Aroclor-1248		0	0	N.D.	N.D.
Average Aroclor-1248				0.000	0.000

Sum Aroclor-1254		0	0	N.D.	N.D.
Average Aroclor-1254				0.000	0.000

Sum Aroclor-1260		0	0	N.D.	N.D.
Average Aroclor-1260				0.000	0.000

38) L9 Aroclor-1262	8.59	9.62	724.2E6	258.4E6	87.520	145.693m#	
39) L9 Aroclor-1262	{2}	9.44	10.13	2006.8E6	912.8E6	115.750	221.966m#
40) L9 Aroclor-1262	{3}	10.07	10.62	973.0E6	306.7E6	154.731	234.425m#
41) L9 Aroclor-1262	{4}	10.16	10.71	1490.2E6	623.3E6	167.629	209.795m#
42) L9 Aroclor-1262	{5}	10.98	11.30	960.0E6	182.9E6	163.005m	283.366m#
Sum Aroclor-1262			6154.2E6	2284.0E6	688.636	1095.246	
Average Aroclor-1262					137.727	219.049	

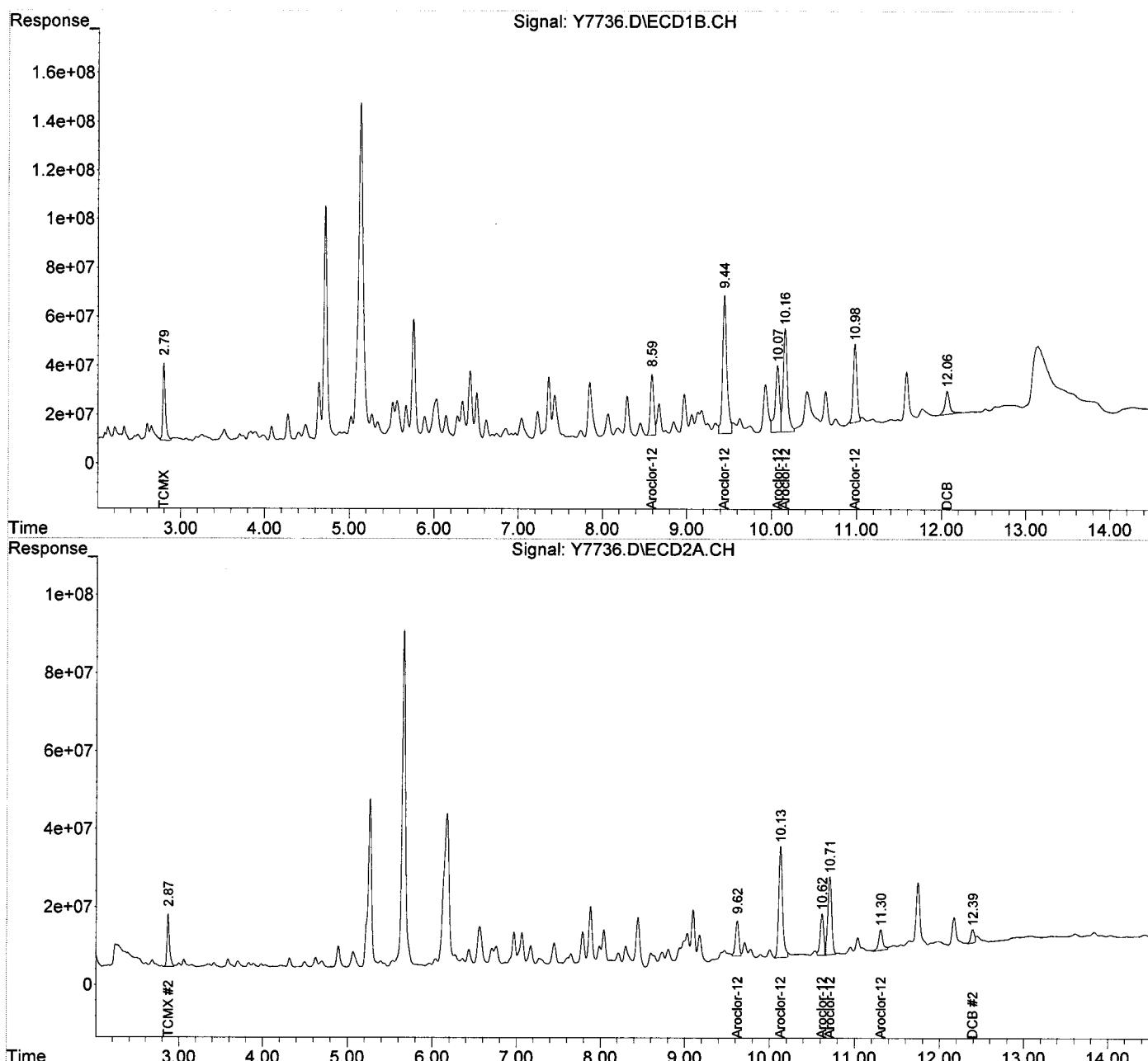
Sum Aroclor-1268		0	0	N.D.	N.D.
Average Aroclor-1268				0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-29-13\  
Data File : Y7736.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 6:17  
Operator : NG  
Sample : Y-33N\_(0-2,03615-005,S,5.60g,25.3,04/26/13,4  
Misc : 130426-16,04/19/13,04/19/13,20  
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 01 13:32:34 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-01-13\  
 Data File : Y7827.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 01 May 2013 17:16  
 Operator : NG  
 Sample : Y-33W\_(0-2,03615-006,S,5.30g,13.8,04/26/13,4  
 Misc : 130426-25,04/19/13,04/19/13,20  
 ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 13:49:45 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M  
 Quant Title :  
 QLast Update : Thu May 02 09:45:50 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

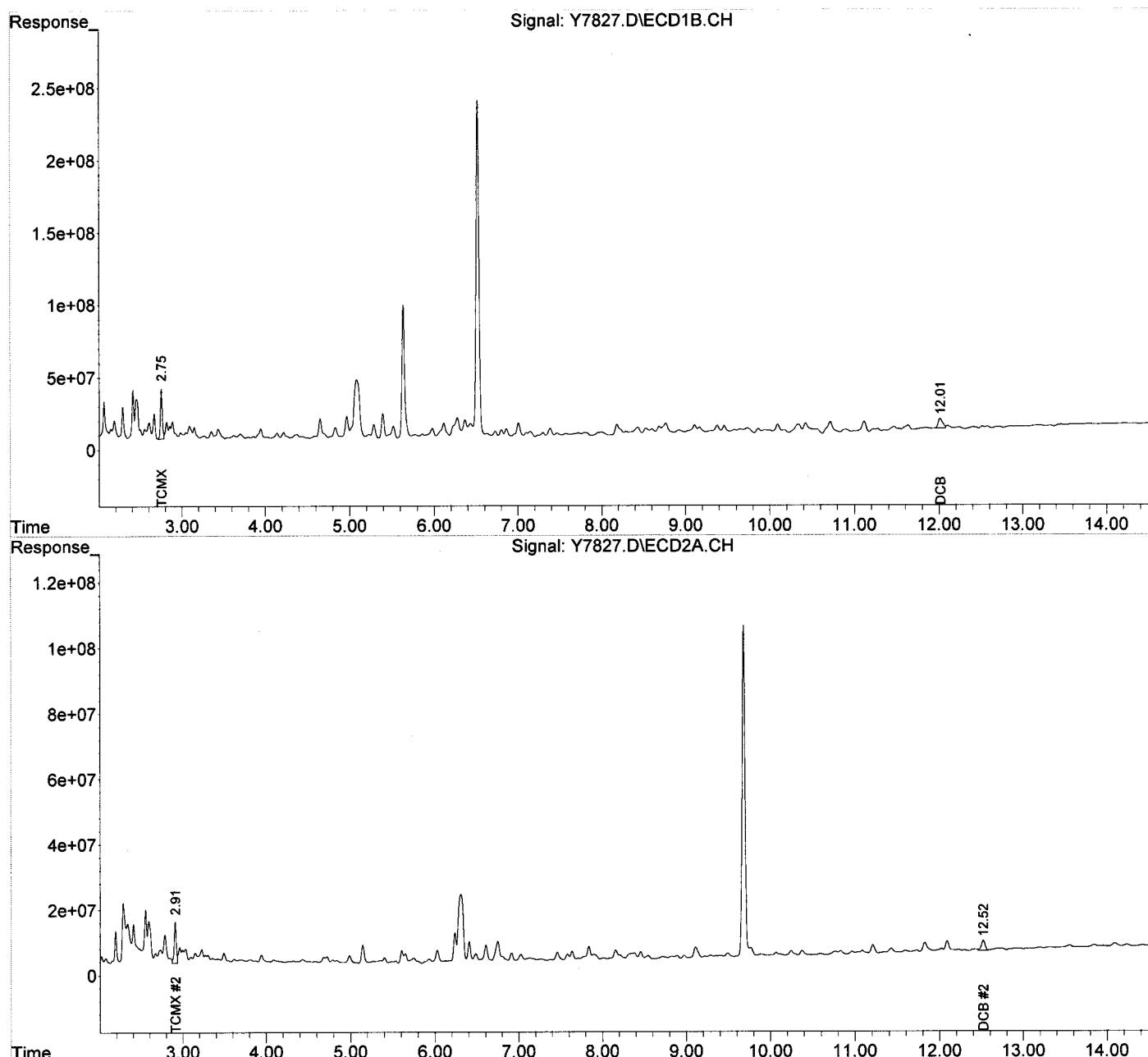
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.75	2.91	546.5E6	224.3E6	8.621	11.789 #
Spiked Amount	200.000			Recovery	=	4.31% 5.89%
2) S DCB	12.01	12.52	261.7E6	92949189	17.228m	18.165
Spiked Amount	200.000			Recovery	=	8.61% 9.08%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-01-13\  
Data File : Y7827.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 01 May 2013 17:16  
Operator : NG  
Sample : Y-33W\_(0-2,03615-006,S,5.30g,13.8,04/26/13,4  
Misc : 130426-25,04/19/13,04/19/13,20  
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 13:49:45 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M  
Quant Title :  
QLast Update : Thu May 02 09:45:50 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-01-13\  
 Data File : Y7828.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 01 May 2013 17:33  
 Operator : NG  
 Sample : Y-37S\_(0-2,03615-007,S,5.70g,30.5,04/26/13,4  
 Misc : 130426-25,04/19/13,04/19/13,20  
 ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 13:52:47 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M  
 Quant Title :  
 QLast Update : Thu May 02 09:45:50 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
----------	------	------	--------	--------	------	------

System Monitoring Compounds

1) S TCMX	2.75	2.91	976.4E6	300.0E6	15.402	15.774
Spiked Amount	200.000				Recovery =	7.70% 7.89%
2) S DCB	12.01	12.52	396.9E6	108.4E6	26.130m	21.185m
Spiked Amount	200.000				Recovery =	13.07% 10.59%

Target Compounds

Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000

Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000

Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000

Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

28) L7 Aroclor-1254	6.36	7.12	3450.4E6	902.4E6	781.864	716.572
29) L7 Aroclor-1254 {2}	6.80	7.71	2201.4E6	692.1E6	750.984	721.509
30) L7 Aroclor-1254 {3}	6.96	8.32	4381.9E6	643.7E6	803.415	686.472
31) L7 Aroclor-1254 {4}	7.38	8.55	5449.9E6	994.2E6	1013.054	1880.494 #
32) L7 Aroclor-1254 {5}	8.23	9.14	6289.7E6	1739.0E6	1259.268	1388.356
Sum Aroclor-1254			21773.5E6	4971.4E6	4608.585	5393.403
Average Aroclor-1254					921.717	1078.681

33) L8 Aroclor-1260	8.23	7.89	6289.7E6	1258.7E6	1020.352	1873.189 #
34) L8 Aroclor-1260 {2}	8.91	8.15	2070.9E6	872.4E6	737.509	882.221
35) L8 Aroclor-1260 {3}	9.38	9.74	3992.2E6	908.5E6	602.461	1057.898 #
36) L8 Aroclor-1260 {4}	9.86	10.24	2178.4E6	1831.6E6	632.659	1012.740 #
37) L8 Aroclor-1260 {5}	10.92	10.83	1752.4E6	1384.6E6	1253.036	1036.578
Sum Aroclor-1260			16283.6E6	6255.8E6	4246.016	5862.626
Average Aroclor-1260					849.203	1172.525

Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000

Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Data Path : C:\MSDCHEM\1\DATA\05-01-13\  
Data File : Y7828.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 01 May 2013 17:33  
Operator : NG  
Sample : Y-37S\_(0-2,03615-007,S,5.70g,30.5,04/26/13,4  
Misc : 130426-25,04/19/13,04/19/13,20  
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 13:52:47 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M  
Quant Title :  
QLast Update : Thu May 02 09:45:50 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :

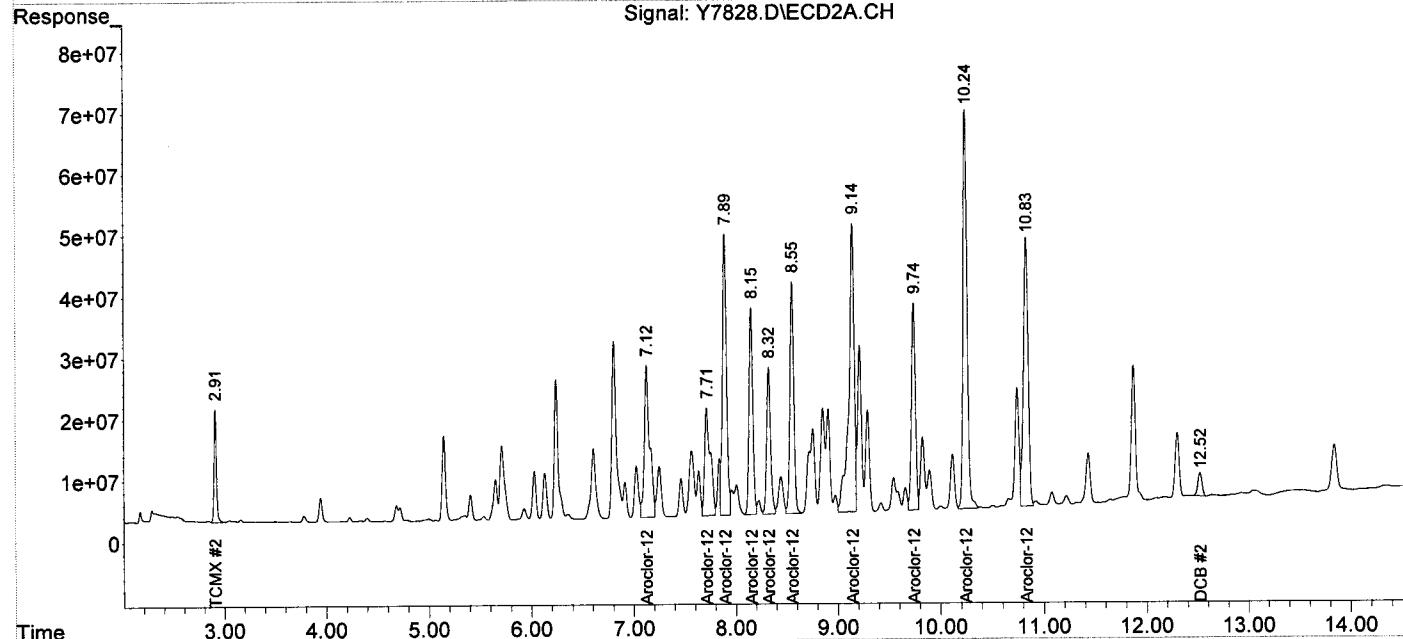
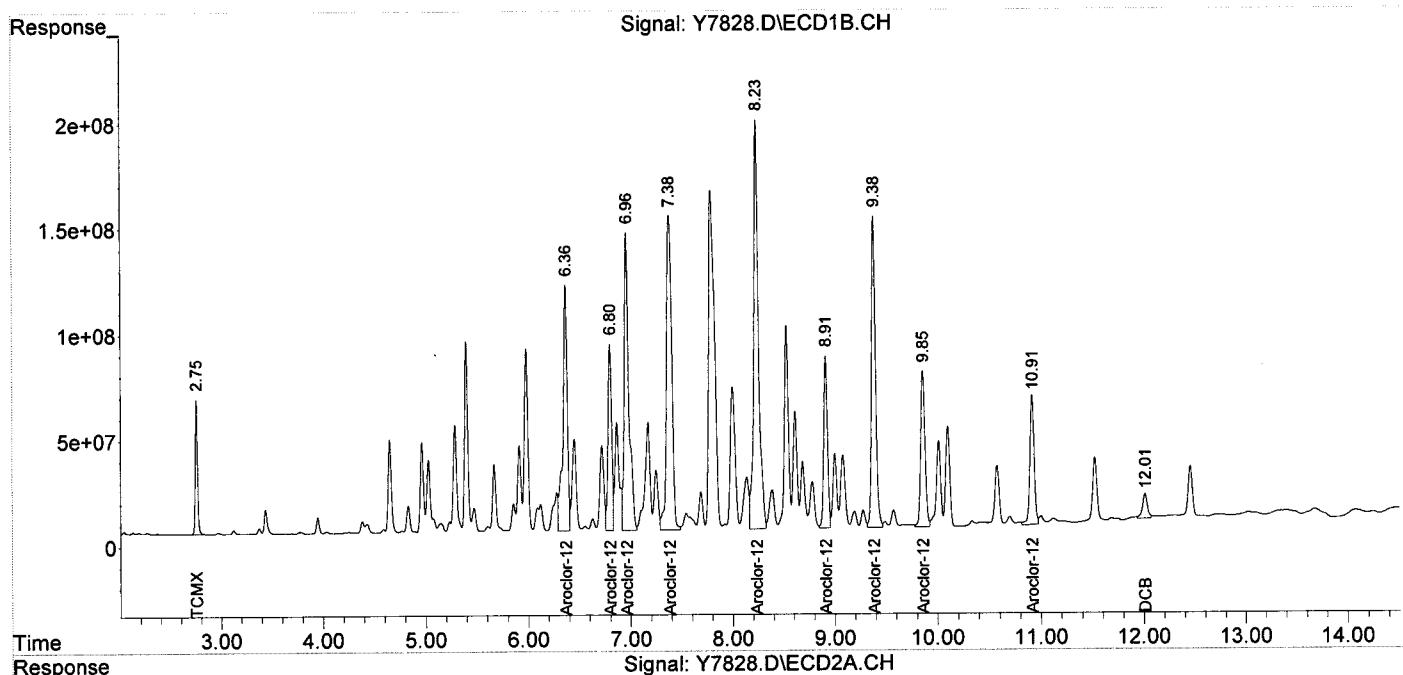
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-01-13\  
 Data File : Y7828.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 01 May 2013 17:33  
 Operator : NG  
 Sample : Y-37S\_(0-2,03615-007,S,5.70g,30.5,04/26/13,4  
 Misc : 130426-25,04/19/13,04/19/13,20  
 ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 13:52:47 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M  
 Quant Title :  
 QLast Update : Thu May 02 09:45:50 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7768.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 17:39  
 Operator : NG  
 Sample : Y-37S\_(2.0,03615-008,S,5.70g,46.5,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,50  
 ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 11:23:19 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
----------	------	------	--------	--------	------	------

#### System Monitoring Compounds

##### Target Compounds

Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.42	7.02	744.6E6	657.1E6	113.636	372.127 #
29) L7 Aroclor-1254 {2}	6.86	7.61	410.9E6	181.1E6	100.807	127.811 #
30) L7 Aroclor-1254 {3}	7.02	8.23	882.0E6	212.4E6	108.374	165.120 #
31) L7 Aroclor-1254 {4}	7.43	8.45	1432.3E6	541.3E6	266.704	619.507 #
32) L7 Aroclor-1254 {5}	8.30	9.03	1884.5E6	658.6E6	241.643	321.044 #
Sum Aroclor-1254			5354.3E6	2250.4E6	831.165	1605.609
Average Aroclor-1254					166.233	321.122
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
38) L9 Aroclor-1262	8.59	9.62	1495.9E6	596.2E6	180.776	336.135 #
39) L9 Aroclor-1262 {2}	9.44	10.13	3057.8E6	1271.4E6	176.371	309.175 #
40) L9 Aroclor-1262 {3}	10.07	10.62	2224.2E6	1014.1E6	353.715	775.218 #
41) L9 Aroclor-1262 {4}	10.16	10.71	2699.5E6	1480.3E6	303.657	498.256 #
42) L9 Aroclor-1262 {5}	10.98	11.31	1270.9E6	191.5E6	215.802	296.673 #
Sum Aroclor-1262			10748.3E6	4553.4E6	1230.321	2215.458
Average Aroclor-1262					246.064	443.092
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

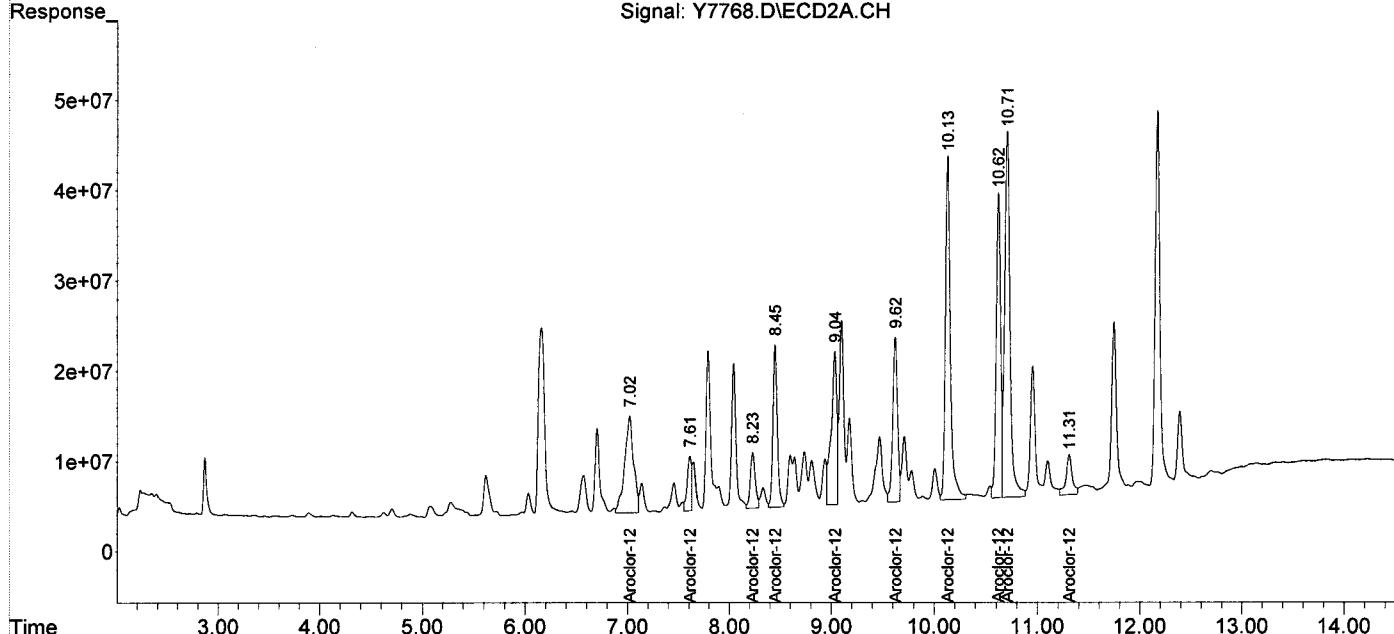
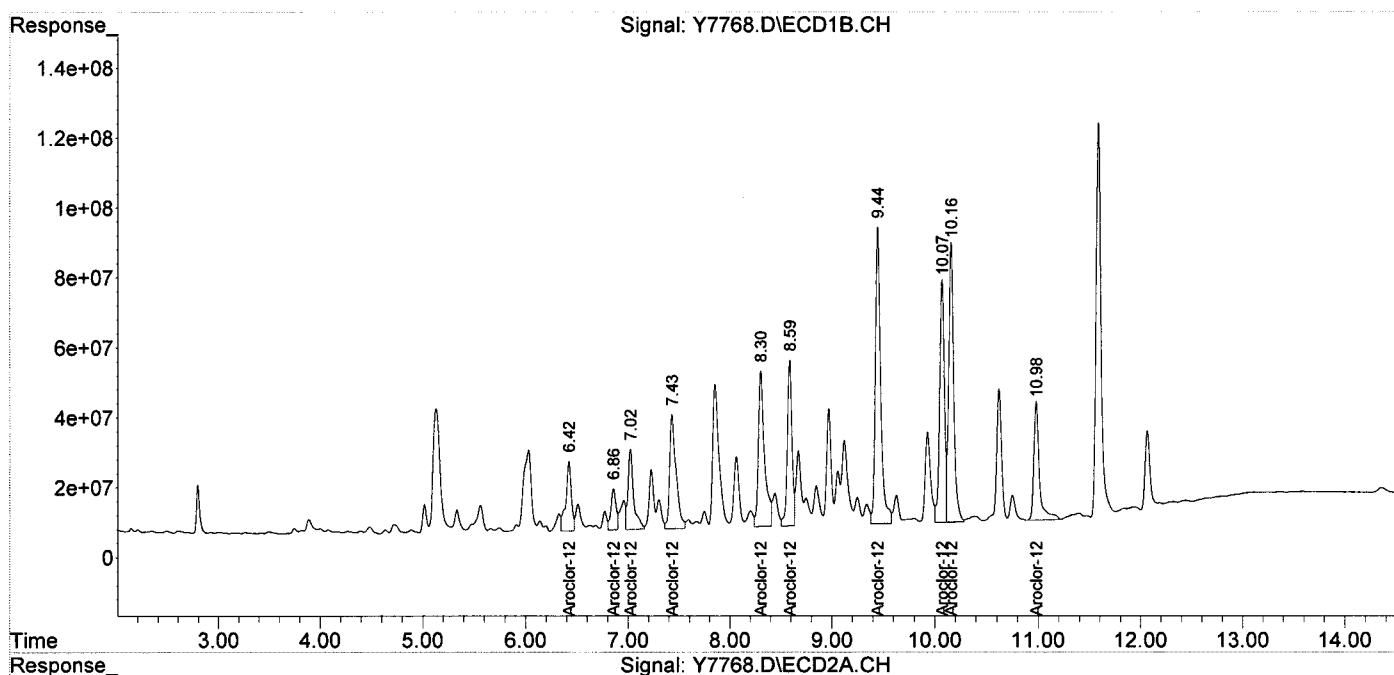
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
Data File : Y7768.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 17:39  
Operator : NG  
Sample : Y-37S\_(2.0,03615-008,S,5.70g,46.5,04/26/13,4  
Misc : 130426-22,04/19/13,04/19/13,50  
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 11:23:19 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7769.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 17:56  
 Operator : NG  
 Sample : Y-37W\_(0-2,03615-009,S,5.30g,39.7,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,5  
 ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 11:29:10 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

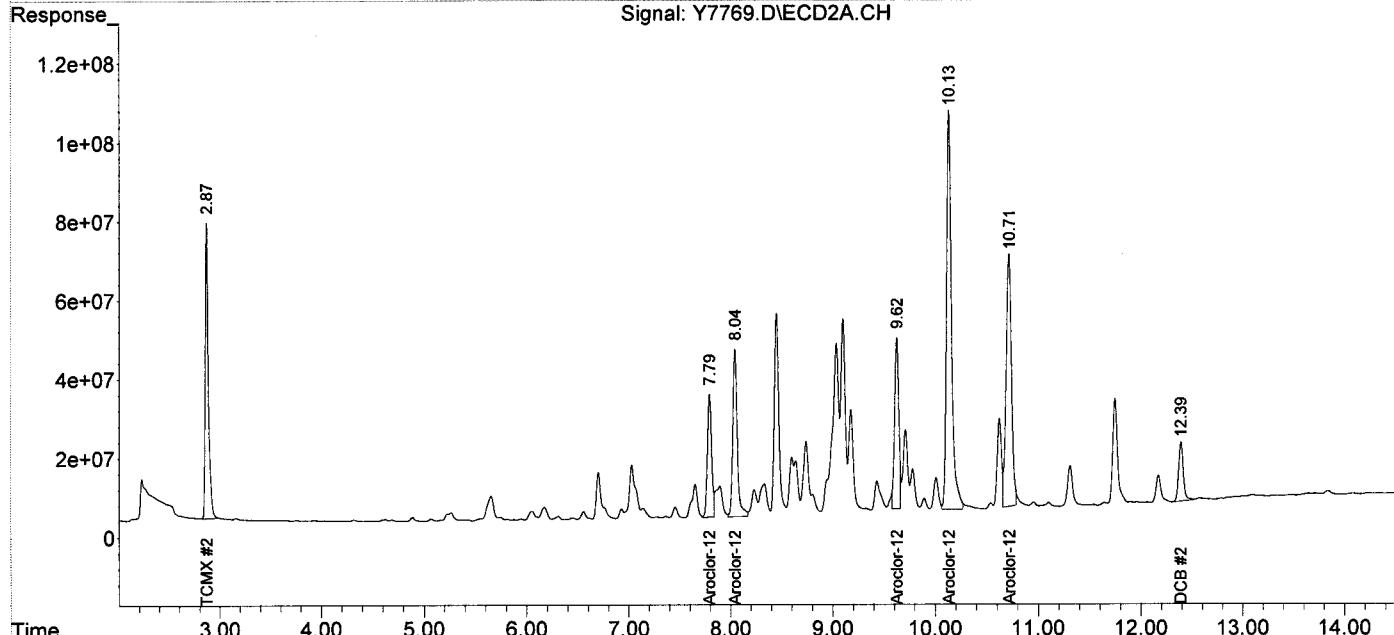
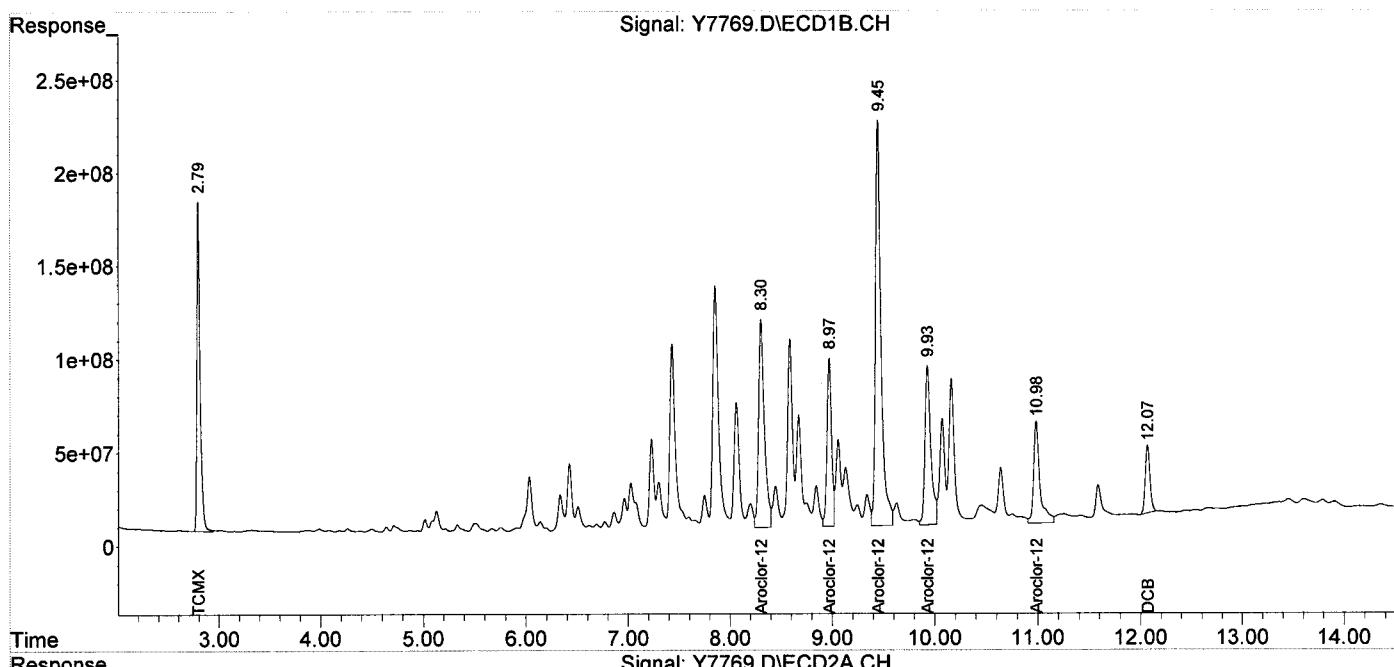
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.79	2.87	3838.0E6	1572.6E6	28.208	41.209m#
Spiked Amount	200.000			Recovery	=	14.10% 20.60%
2) S DCB	12.07	12.39	1159.3E6	478.3E6	23.290m	46.000m#
Spiked Amount	200.000			Recovery	=	11.65% 23.00%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.30	7.79	4444.5E6	904.5E6	494.964	911.458 #
34) L8 Aroclor-1260	{2}	8.97	2837.2E6	1305.6E6	685.870	834.254
35) L8 Aroclor-1260	{3}	9.45	8143.6E6	1240.3E6	667.172	909.752m#
36) L8 Aroclor-1260	{4}	9.93	3380.3E6	3379.5E6	605.175	1145.030m#
37) L8 Aroclor-1260	{5}	10.98	2334.8E6	2290.0E6	836.797	1071.256m#
Sum Aroclor-1260			21140.3E6	9119.9E6	3289.979	4871.750
Average Aroclor-1260					657.996	974.350
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7769.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 17:56  
 Operator : NG  
 Sample : Y-37W\_(0-2,03615-009,S,5.30g,39.7,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,5  
 ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 11:29:10 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7745.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 9:44  
 Operator : NG  
 Sample : Y-37W\_(2.0,03615-010,S,5.50g,34.8,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,20  
 ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 10:34:51 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.79	2.87	554.7E6	234.3E6	4.077m	6.140 #
Spiked Amount	200.000				Recovery =	2.04% 3.07%
2) S DCB	12.06	12.39	657.8E6	154.7E6	13.215m	14.873m
Spiked Amount	200.000				Recovery =	6.61% 7.44%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.42	7.02	4262.2E6	2417.1E6	650.501	1368.891m#
29) L7 Aroclor-1254 {2}	6.85	7.61	2217.8E6	1701.9E6	544.040	1201.338 #
30) L7 Aroclor-1254 {3}	7.02	8.22	4586.5E6	1841.1E6	563.583	1431.485 #
31) L7 Aroclor-1254 {4}	7.45	8.44	6381.2E6	1649.5E6	1188.215	1887.957 #
Sum Aroclor-1254			17447.7E6	7609.6E6	2946.339	5889.671
Average Aroclor-1254					736.585	1472.418
33) L8 Aroclor-1260	8.30	0.00	5640.4E6	0	628.151	N.D. d#
34) L8 Aroclor-1260 {2}	8.97	8.04	2005.5E6	1553.4E6	484.825	992.550 #
35) L8 Aroclor-1260 {3}	9.44	9.62	7654.9E6	1429.7E6	627.132	1048.679 #
36) L8 Aroclor-1260 {4}	9.92	10.12	3193.6E6	2690.2E6	571.748	911.504 #
37) L8 Aroclor-1260 {5}	10.98	10.71	2440.4E6	1826.6E6	874.668	854.488
Sum Aroclor-1260			20934.9E6	7499.9E6	3186.524	3807.221
Average Aroclor-1260					637.305	951.805
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
Data File : Y7745.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 9:44  
Operator : NG  
Sample : Y-37W\_(2.0,03615-010,S,5.50g,34.8,04/26/13,4  
Misc : 130426-22,04/19/13,04/19/13,20  
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 10:34:51 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :

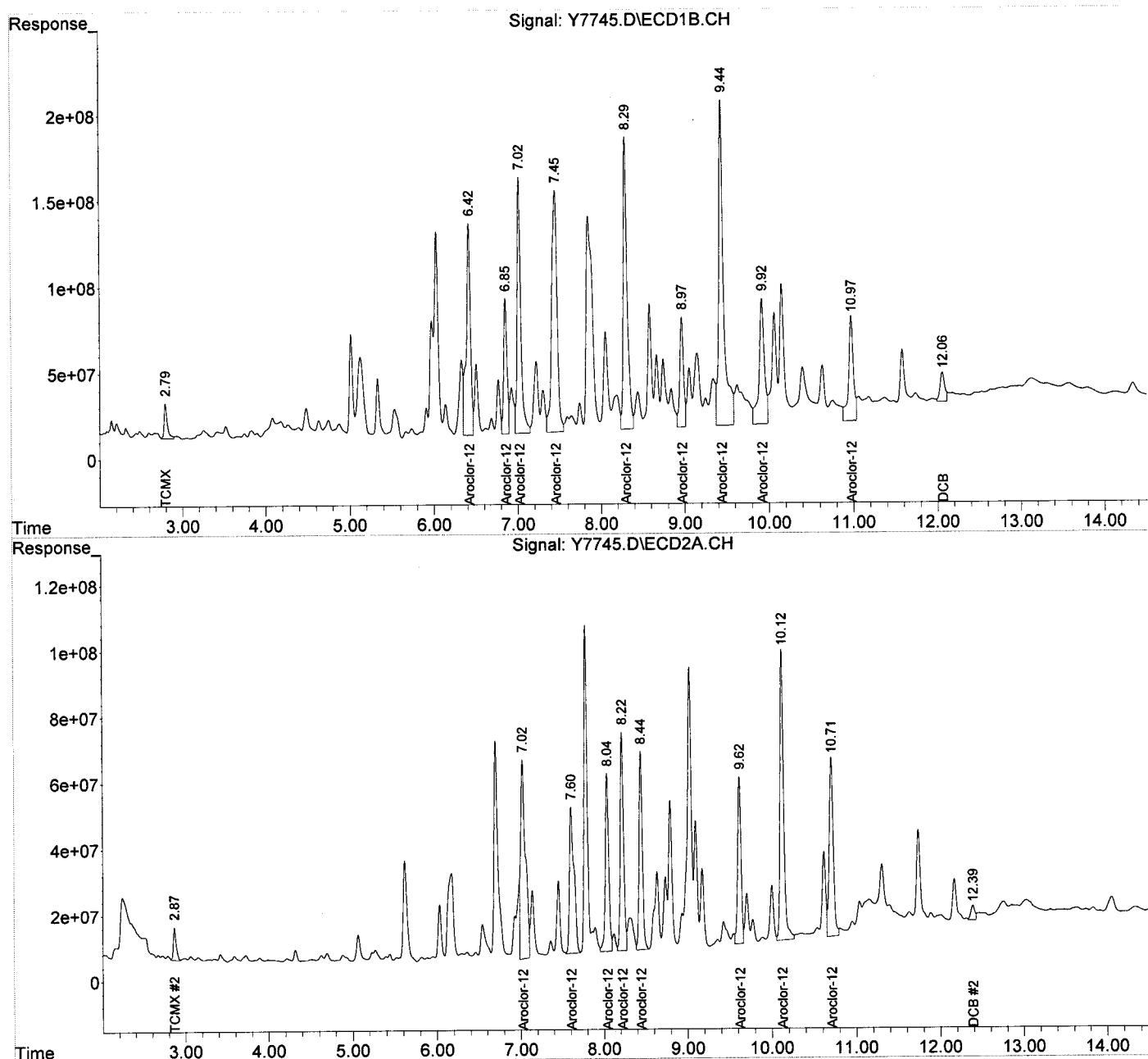
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7745.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 9:44  
 Operator : NG  
 Sample : Y-37W\_(2.0,03615-010,S,5.50g,34.8,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,20  
 ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 10:34:51 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7746.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 10:26  
 Operator : NG  
 Sample : W-36E\_(2.0,03615-011,S,5.40g,48.1,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,20  
 ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 11:58:21 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.79	2.87	822.2E6	356.5E6	6.043	9.342 #
Spiked Amount	200.000		Recovery	=	3.02%	4.67%
2) S DCB	12.06	12.39	347.6E6	97273685	6.984m	9.355m#
Spiked Amount	200.000		Recovery	=	3.49%	4.68%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.48	5.07	308.3E6	151.9E6	68.471	122.009 #
24) L6 Aroclor-1248 {2}	5.01	5.62	360.8E6	192.9E6	132.430	95.817 #
25) L6 Aroclor-1248 {3}	5.33	6.03	357.2E6	70246330	98.987	49.273 #
26) L6 Aroclor-1248 {4}	6.03	6.16	1088.4E6	611.8E6	173.996	473.733 #
27) L6 Aroclor-1248 {5}	6.33	6.55	745.5E6	115.5E6	189.040	169.768
Sum Aroclor-1248			2860.1E6	1142.4E6	662.924	910.600
Average Aroclor-1248					132.585	182.120
28) L7 Aroclor-1254	6.42	7.00	358.6E6	161.8E6	54.726	91.624m#
29) L7 Aroclor-1254 {2}	6.85	7.60	215.5E6	70253001	52.874	49.590m
30) L7 Aroclor-1254 {3}	7.02	8.22	204.3E6	111.7E6	25.105	86.852m#
31) L7 Aroclor-1254 {4}	7.46	8.45	229.0E6	56532905	42.641	64.706 #
32) L7 Aroclor-1254 {5}	8.30	9.04	206.6E6	85466994	26.495	41.660 #
Sum Aroclor-1254			1214.1E6	485.7E6	201.842	334.432
Average Aroclor-1254					40.368	66.886
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
Data File : Y7746.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 10:26  
Operator : NG  
Sample : W-36E\_(2.0,03615-011,S,5.40g,48.1,04/26/13,4  
Misc : 130426-22,04/19/13,04/19/13,20  
ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 11:58:21 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :

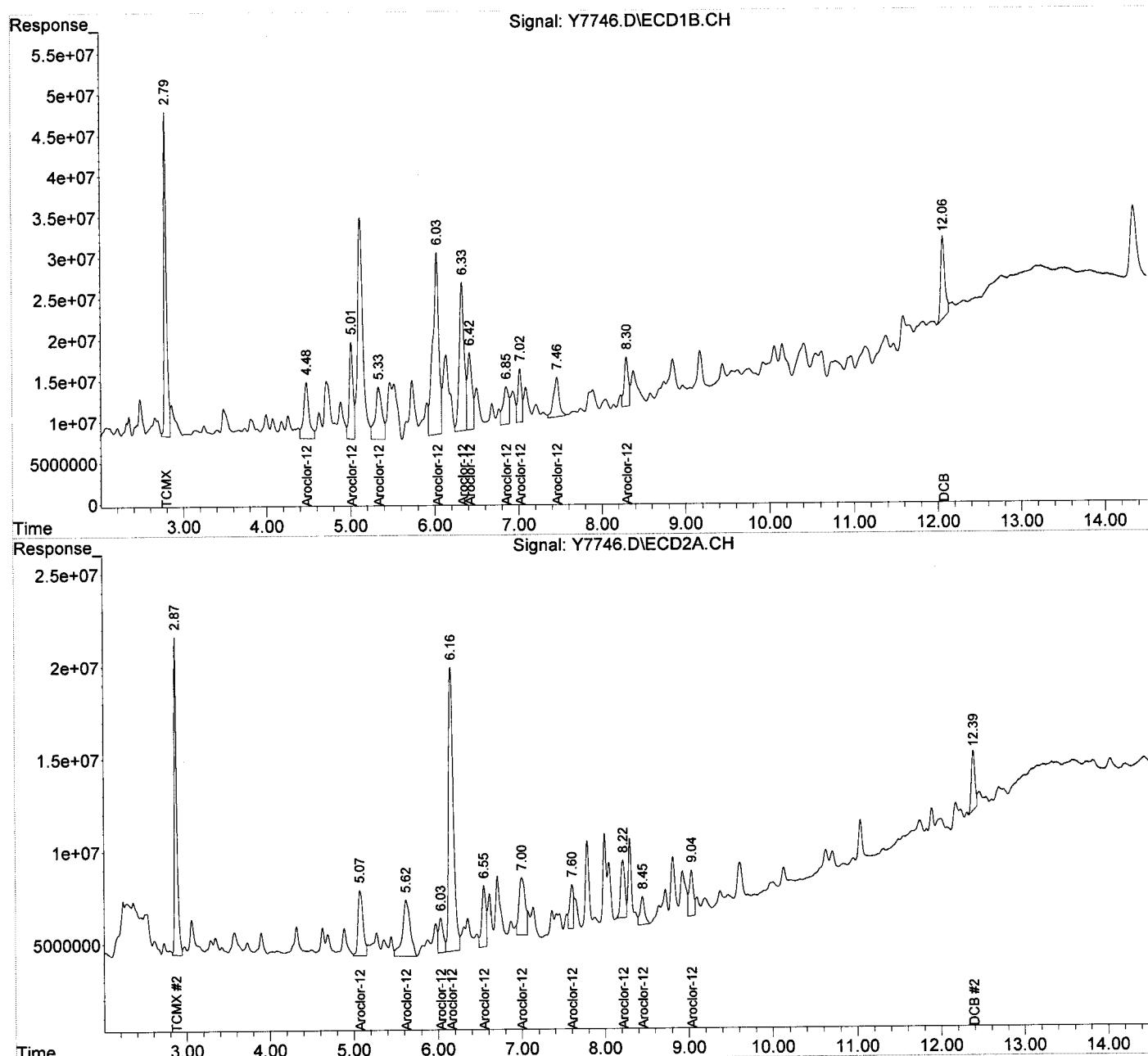
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7746.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 10:26  
 Operator : NG  
 Sample : W-36E\_(2.0,03615-011,S,5.40g,48.1,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,20  
 ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 11:58:21 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7747.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 10:43  
 Operator : NG  
 Sample : W-36N\_(2.0,03615-012,S,5.80g,41.6,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,20  
 ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 12:29:22 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
----------	------	------	--------	--------	------	------

## System Monitoring Compounds

1) S TCMX	2.79	2.87	633.0E6	260.5E6	4.652	6.825 #
Spiked Amount	200.000			Recovery	=	2.33% 3.41%
2) S DCB	12.06	12.39	252.1E6	91544547	5.064m	8.804 #
Spiked Amount	200.000			Recovery	=	2.53% 4.40%

## Target Compounds

Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000

Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000

Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000

Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000

23) L6 Aroclor-1248	4.48	5.06	288.1E6	202.3E6	63.987	162.534 #
24) L6 Aroclor-1248 {2}	5.02	5.61	498.7E6	152.7E6	183.077	75.854 #
25) L6 Aroclor-1248 {3}	5.34	6.03	168.9E6	63745774	46.802	44.714
26) L6 Aroclor-1248 {4}	6.04	6.16	2912.7E6	981.5E6	465.630	759.991 #
27) L6 Aroclor-1248 {5}	6.33	6.55	2630.3E6	179.3E6	667.017	263.464 #
Sum Aroclor-1248			6498.8E6	1579.6E6	1426.513	1306.557
Average Aroclor-1248					285.303	261.311

Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000

Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000

38) L9 Aroclor-1262	8.59	9.62	546.3E6	419.0E6	66.021	236.234 #
39) L9 Aroclor-1262 {2}	9.44	10.12	1619.1E6	659.6E6	93.387	160.390 #
40) L9 Aroclor-1262 {3}	10.06	10.62	789.1E6	257.7E6	125.497	197.015 #
41) L9 Aroclor-1262 {4}	10.16	10.71	960.0E6	379.8E6	107.986	127.831
42) L9 Aroclor-1262 {5}	10.98	11.31	338.9E6	83699563	57.541m	129.680m#
Sum Aroclor-1262			4253.4E6	1799.8E6	450.433	851.150
Average Aroclor-1262					90.087	170.230

Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
Data File : Y7747.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 10:43  
Operator : NG  
Sample : W-36N\_(2.0,03615-012,S,5.80g,41.6,04/26/13,4  
Misc : 130426-22,04/19/13,04/19/13,20  
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 12:29:22 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :

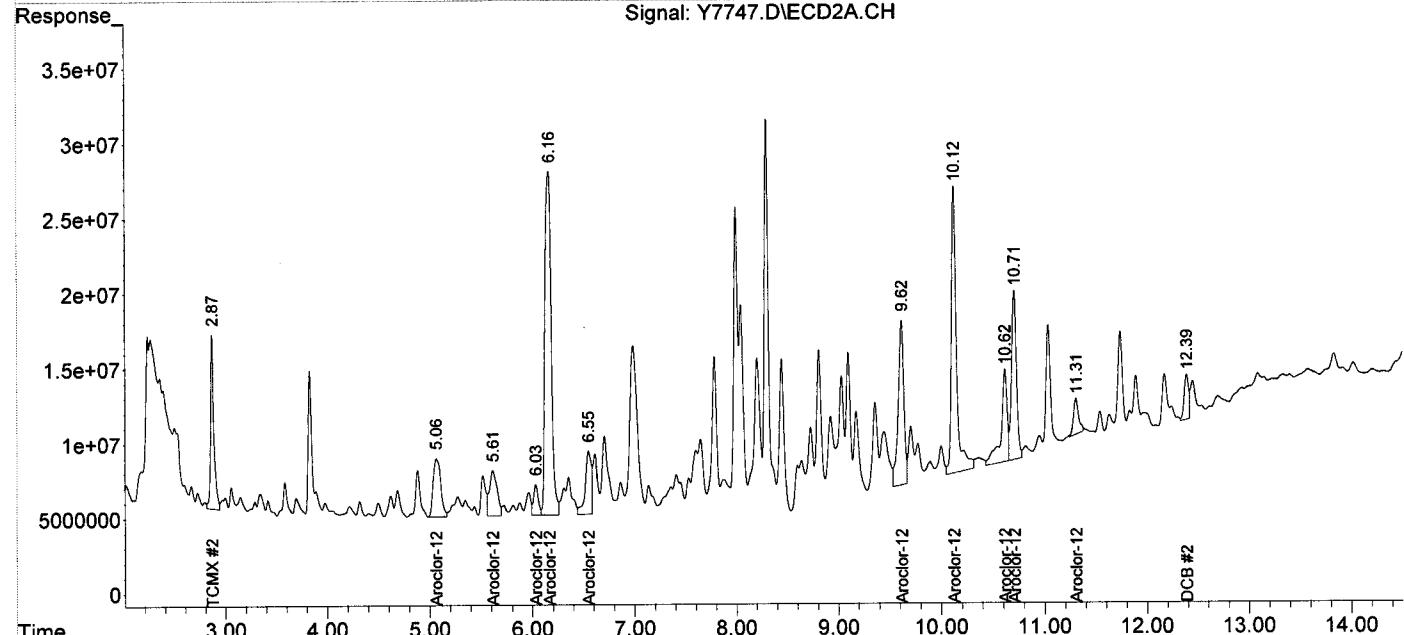
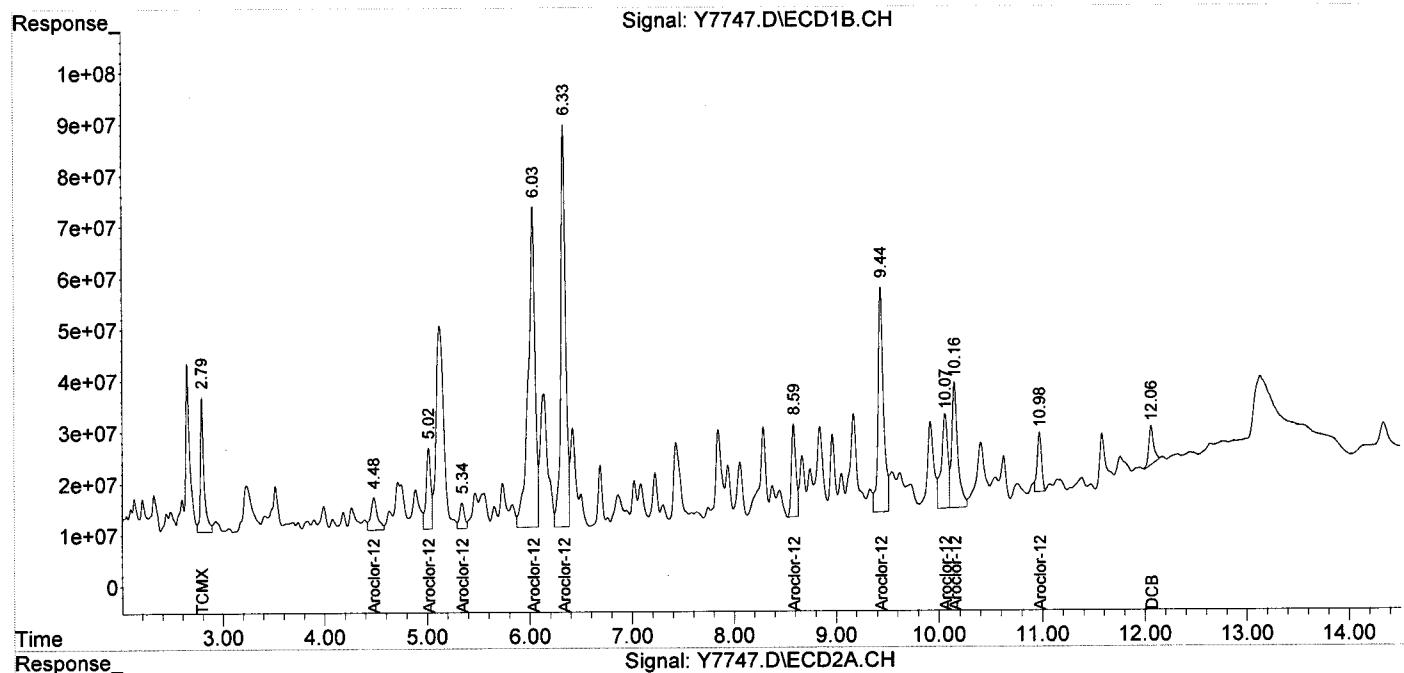
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
Data File : Y7747.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 10:43  
Operator : NG  
Sample : W-36N\_(2.0,03615-012,S,5.80g,41.6,04/26/13,4  
Misc : 130426-22,04/19/13,04/19/13,20  
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 12:29:22 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7748.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 11:00  
 Operator : NG  
 Sample : M-20S\_(0-2,03615-013,S,5.50g,20.0,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,1  
 ALS Vial : 56 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 12:06:39 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.79	2.87	15792.0E6	6927.4E6	116.064	181.528 #
Spiked Amount	200.000			Recovery	= 58.03%	90.76%
2) S DCB	12.07	12.39	6017.4E6	2211.7E6	120.891	212.697 #
Spiked Amount	200.000			Recovery	= 60.45%	106.35%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.48	5.06	177.7E6	88983188	39.452	71.489 #
24) L6 Aroclor-1248 {2}	5.01	5.63	117.3E6	154.7E6	43.066	76.831 #
25) L6 Aroclor-1248 {3}	5.33	6.03	163.3E6	108.2E6	45.261	75.911 #
26) L6 Aroclor-1248 {4}	6.03	6.19	412.1E6	121.2E6	65.873	93.831 #
27) L6 Aroclor-1248 {5}	6.31	6.54	309.4E6	63150734	78.448	92.816
Sum Aroclor-1248			1179.7E6	536.3E6	272.100	410.879
Average Aroclor-1248					54.420	82.176
28) L7 Aroclor-1254	6.42	7.03	167.1E6	53825708	25.496	30.483
29) L7 Aroclor-1254 {2}	6.86	7.61	117.9E6	37560338	28.933	26.513
30) L7 Aroclor-1254 {3}	7.03	8.23	218.6E6	47602752	26.866	37.011m#
31) L7 Aroclor-1254 {4}	7.47	8.45	64108347	31097734	11.937	35.594m#
32) L7 Aroclor-1254 {5}	8.30	9.04	273.0E6	38706738	35.003	18.867m#
Sum Aroclor-1254			840.7E6	208.8E6	128.235	148.468
Average Aroclor-1254					25.647	29.694
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
Data File : Y7748.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 11:00  
Operator : NG  
Sample : M-20S\_(0-2,03615-013,S,5.50g,20.0,04/26/13,4  
Misc : 130426-22,04/19/13,04/19/13,1  
ALS Vial : 56 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 12:06:39 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :

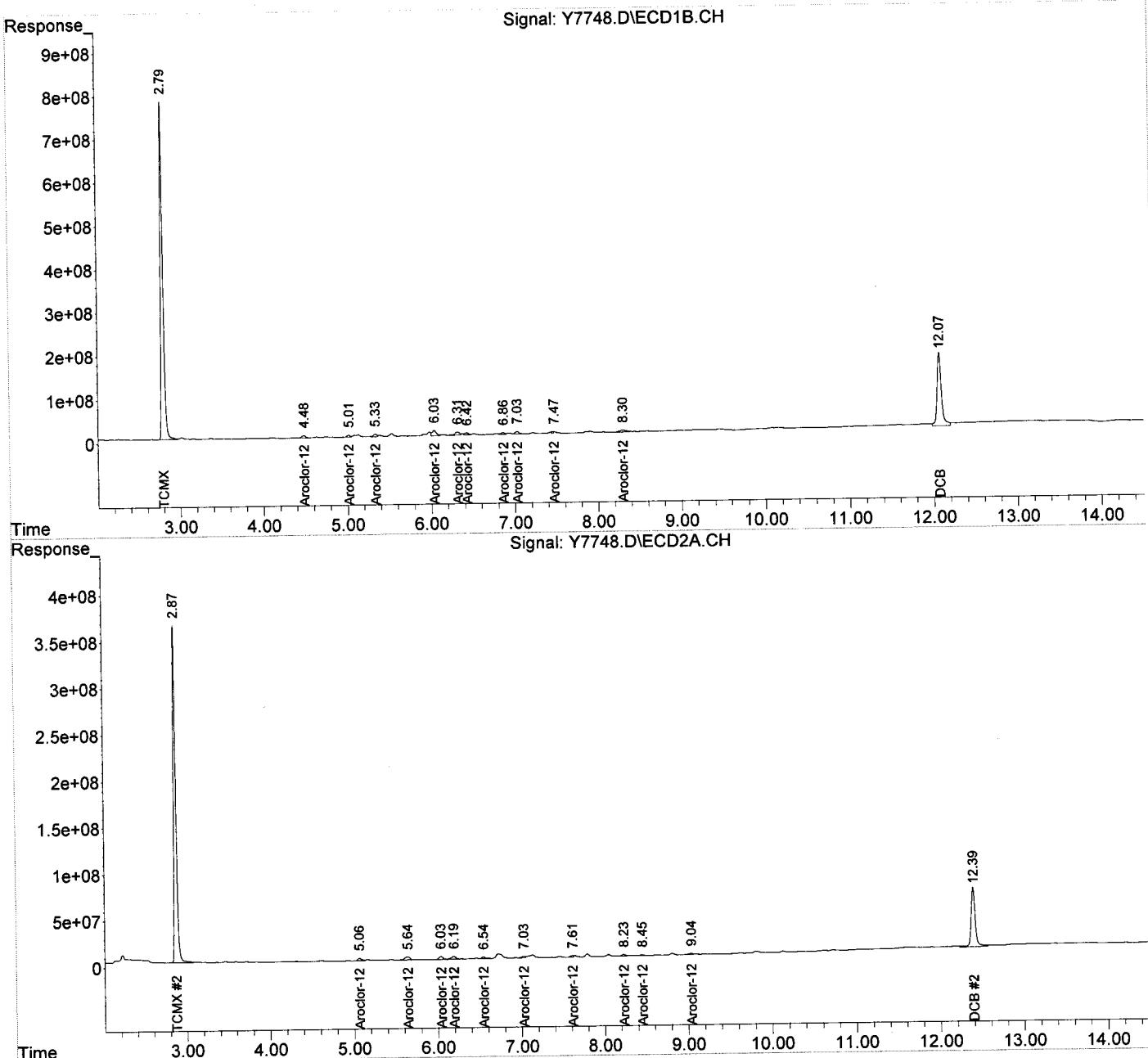
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7748.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 11:00  
 Operator : NG  
 Sample : M-20S\_(0-2,03615-013,S,5.50g,20.0,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,1  
 ALS Vial : 56 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 12:06:39 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7749.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 11:18  
 Operator : NG  
 Sample : M-20W\_(0-2,03615-014,S,5.60g,12.7,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,1  
 ALS Vial : 57 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 10:48:57 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

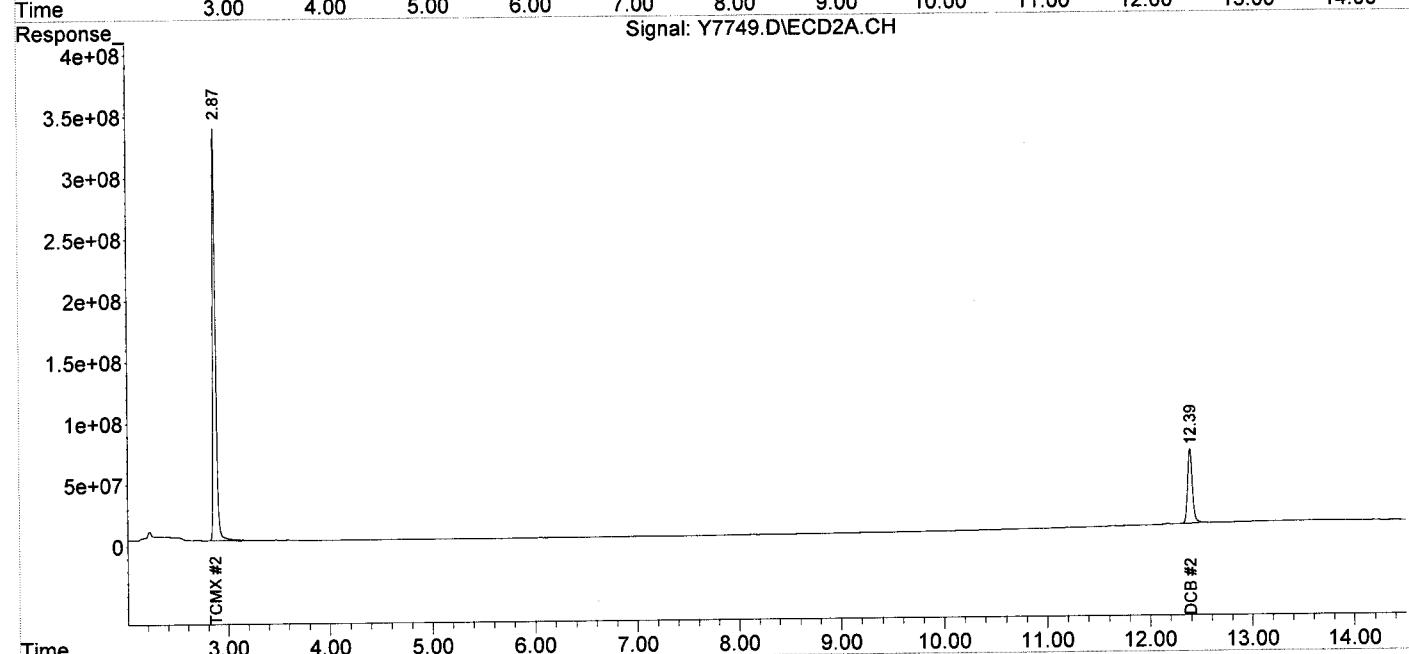
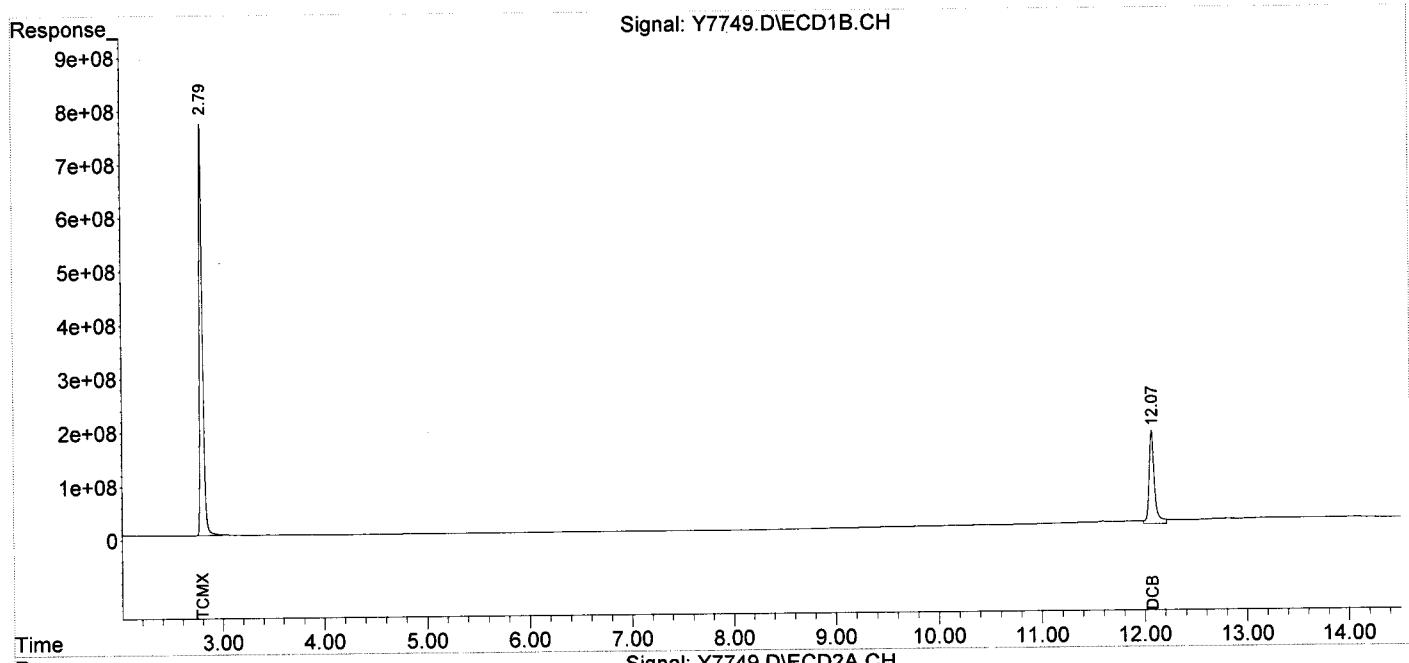
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.79	2.87	16079.2E6	6677.8E6	118.175	174.988 #
Spiked Amount	200.000			Recovery	= 59.09%	87.49%
2) S DCB	12.07	12.39	6307.0E6	1954.2E6	126.708	187.933m#
Spiked Amount	200.000			Recovery	= 63.35%	93.97%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
Data File : Y7749.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 11:18  
Operator : NG  
Sample : M-20W\_(0-2,03615-014,S,5.60g,12.7,04/26/13,4  
Misc : 130426-22,04/19/13,04/19/13,1  
ALS Vial : 57 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 10:48:57 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7770.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 18:13  
 Operator : NG  
 Sample : M-20N\_(0-2,03615-015,S,5.30g,10.7,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,20  
 ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 11:31:57 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

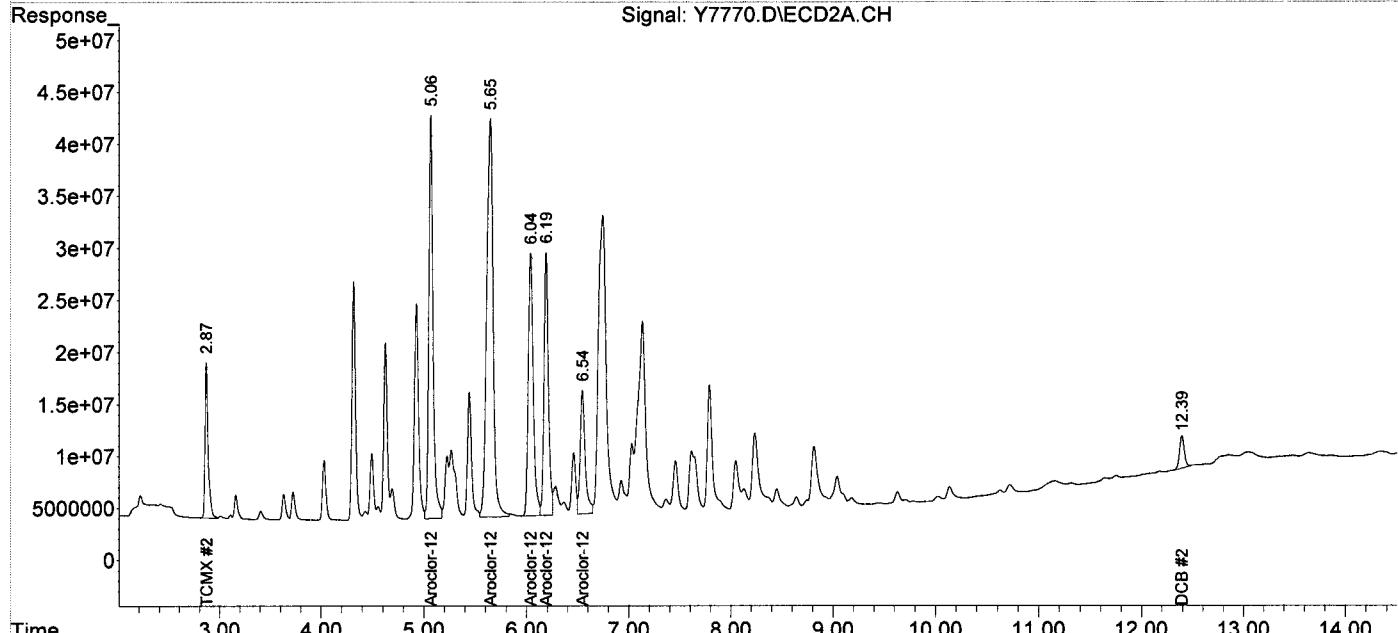
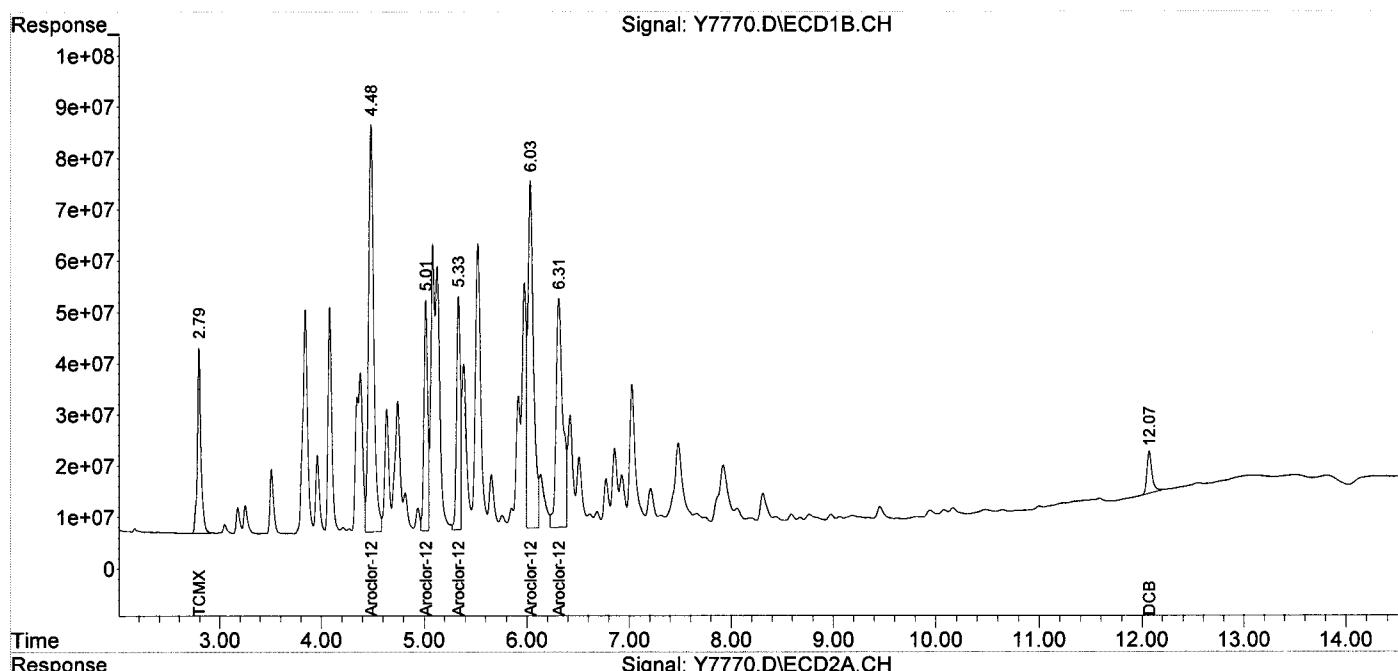
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
<hr/>							
System Monitoring Compounds							
1) S TCMX	2.79	2.87	874.2E6	319.8E6	6.425	8.381 #	
Spiked Amount	200.000		Recovery	=	3.21%	4.19%	
2) S DCB	12.07	12.39	283.6E6	102.8E6	5.699m	9.885m#	
Spiked Amount	200.000		Recovery	=	2.85%	4.94%	
<hr/>							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
23) L6 Aroclor-1248	4.48	5.06	2821.7E6	1111.9E6	626.641	893.311 #	
24) L6 Aroclor-1248	{2}	5.01	5.65	1129.2E6	1659.5E6	414.504	824.121 #
25) L6 Aroclor-1248	{3}	5.33	6.04	1190.2E6	856.9E6	329.852	601.064 #
26) L6 Aroclor-1248	{4}	6.03	6.19	2578.9E6	756.5E6	412.267	585.727 #
27) L6 Aroclor-1248	{5}	6.31	6.54	2037.9E6	408.6E6	516.793	600.486
Sum Aroclor-1248			9758.0E6	4793.3E6	2300.057	3504.709	
Average Aroclor-1248					460.011	700.942	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
Sum Aroclor-1260			0	0	N.D.	N.D.	
Average Aroclor-1260					0.000	0.000	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	
<hr/>							

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
Data File : Y7770.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 18:13  
Operator : NG  
Sample : M-20N\_(0-2,03615-015,S,5.30g,10.7,04/26/13,4  
Misc : 130426-22,04/19/13,04/19/13,20  
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 11:31:57 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7751.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 11:52  
 Operator : NG  
 Sample : M-20E\_(0-2,03615-016,S,5.40g,16.5,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,1  
 ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 10:50:40 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

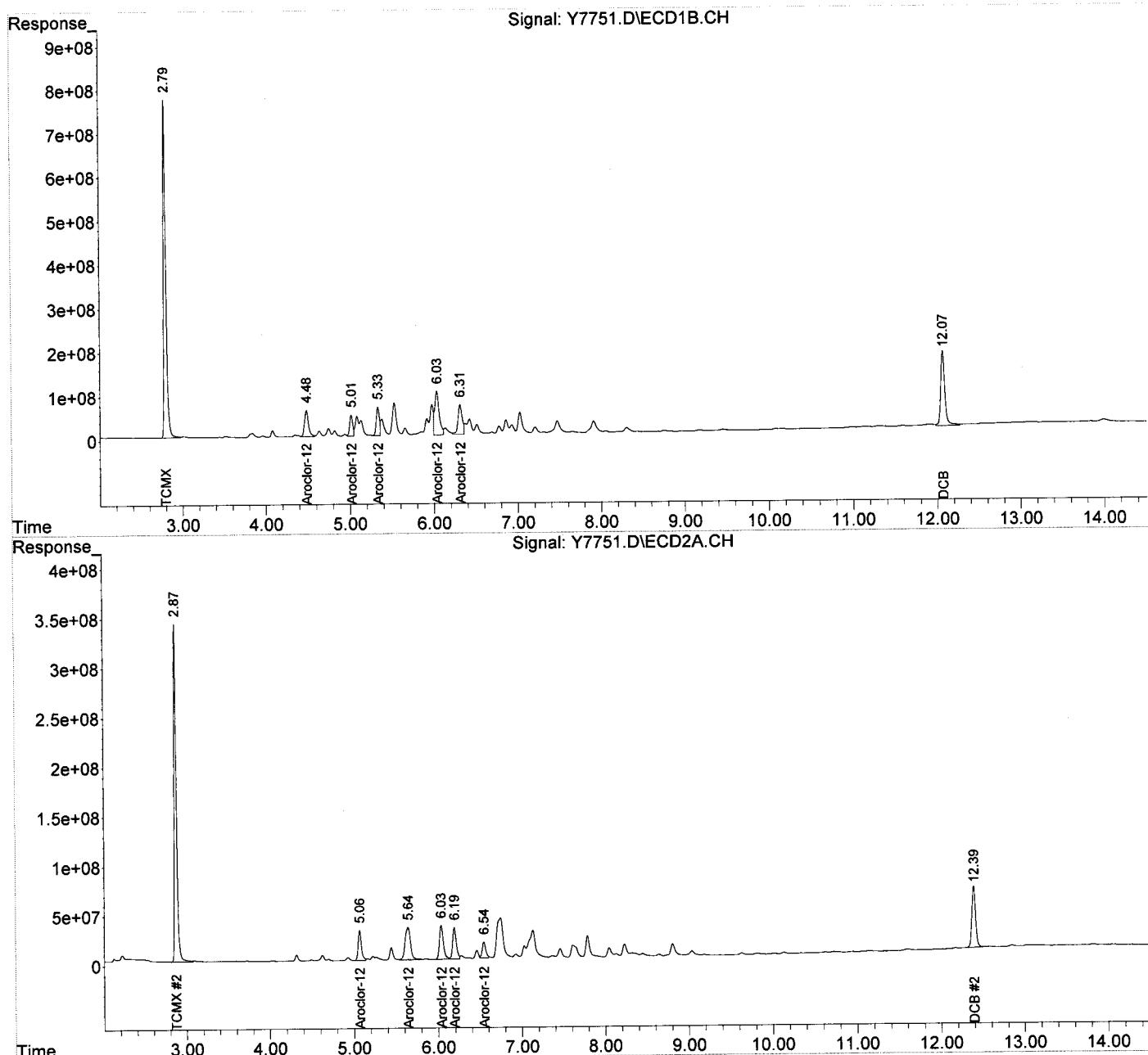
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.79	2.87	15421.5E6	6601.7E6	113.341	172.994 #
Spiked Amount	200.000			Recovery	= 56.67%	86.50%
2) S DCB	12.07	12.39	5867.0E6	1903.1E6	117.868	183.018m#
Spiked Amount	200.000			Recovery	= 58.93%	91.51%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.48	5.07	1998.7E6	810.7E6	443.872	651.294 #
24) L6 Aroclor-1248 {2}	5.01	5.64	1205.2E6	1466.1E6	442.408	728.078 #
25) L6 Aroclor-1248 {3}	5.33	6.03	1732.1E6	1110.8E6	480.017	779.151 #
26) L6 Aroclor-1248 {4}	6.03	6.19	3550.8E6	976.5E6	567.645	756.076 #
27) L6 Aroclor-1248 {5}	6.31	6.54	2425.3E6	477.1E6	615.030	701.177m
Sum Aroclor-1248			10912.2E6	4841.1E6	2548.972	3615.776
Average Aroclor-1248					509.794	723.155
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
Data File : Y7751.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 11:52  
Operator : NG  
Sample : M-20E\_(0-2,03615-016,S,5.40g,16.5,04/26/13,4  
Misc : 130426-22,04/19/13,04/19/13,1  
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 10:50:40 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7752.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 12:09  
 Operator : NG  
 Sample : L-19S\_(0-2,03615-017,S,5.40g,19.7,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,1  
 ALS Vial : 60 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 10:53:48 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

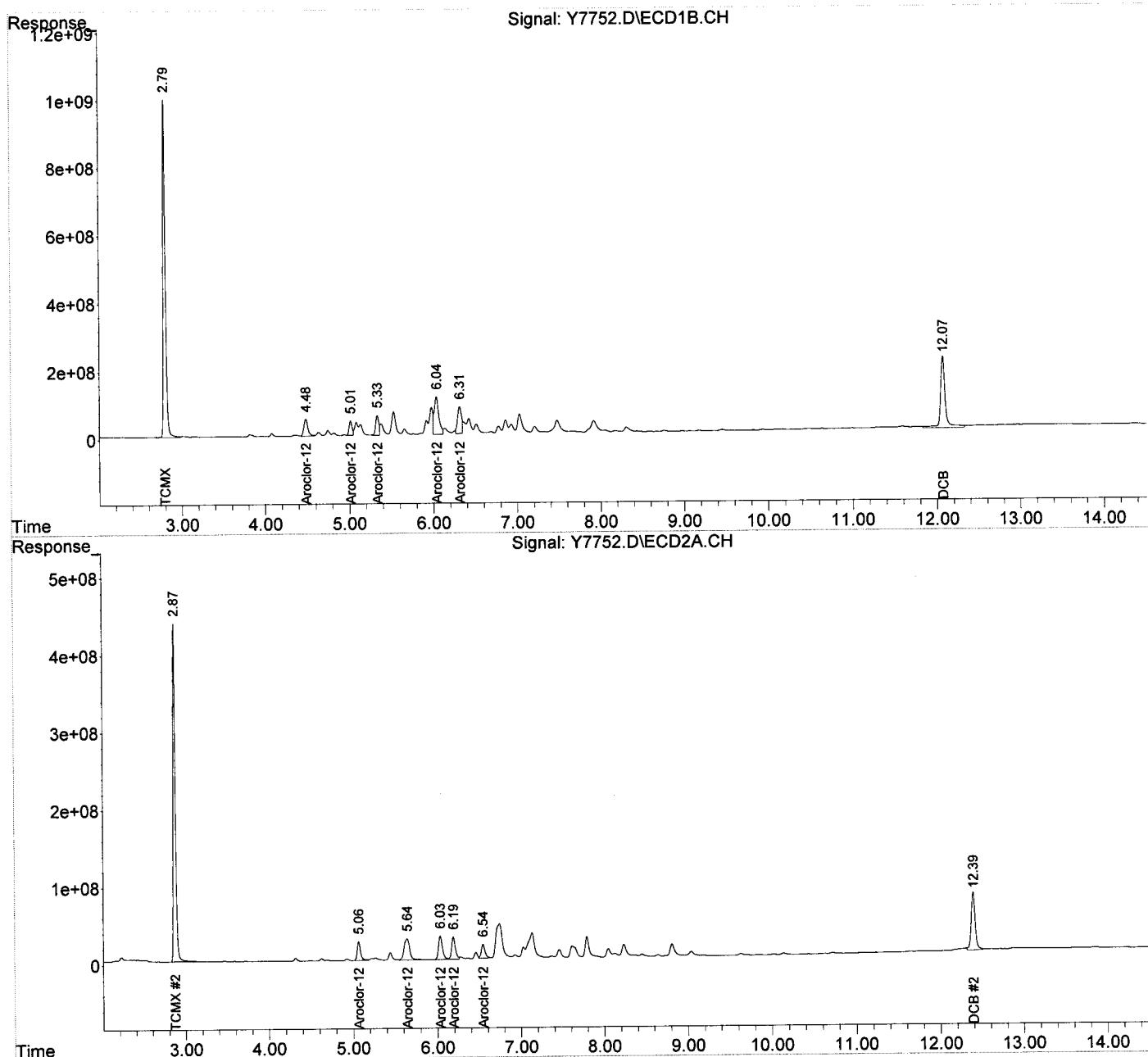
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.79	2.87	19643.2E6	8275.5E6	144.368	216.856 #
Spiked Amount	200.000			Recovery	= 72.18%	108.43%
2) S DCB	12.07	12.39	8383.0E6	2468.4E6	168.415	237.381m#
Spiked Amount	200.000			Recovery	= 84.21%	118.69%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.48	5.06	1650.6E6	681.2E6	366.549	547.290 #
24) L6 Aroclor-1248 {2}	5.01	5.64	1060.8E6	1252.4E6	389.390	621.958 #
25) L6 Aroclor-1248 {3}	5.33	6.03	1554.4E6	983.3E6	430.777	689.702 #
26) L6 Aroclor-1248 {4}	6.04	6.19	4118.8E6	893.1E6	658.432	691.507
27) L6 Aroclor-1248 {5}	6.31	6.54	2617.7E6	539.6E6	663.812m	793.055m
Sum Aroclor-1248			11002.2E6	4349.5E6	2508.961	3343.511
Average Aroclor-1248					501.792	668.702
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
Data File : Y7752.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 12:09  
Operator : NG  
Sample : L-19S\_(0-2,03615-017,S,5.40g,19.7,04/26/13,4  
Misc : 130426-22,04/19/13,04/19/13,1  
ALS Vial : 60 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 10:53:48 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7753.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 12:26  
 Operator : NG  
 Sample : L-19W\_(0-2,03615-018,S,5.40g,13.3,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,1  
 ALS Vial : 61 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 10:55:09 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

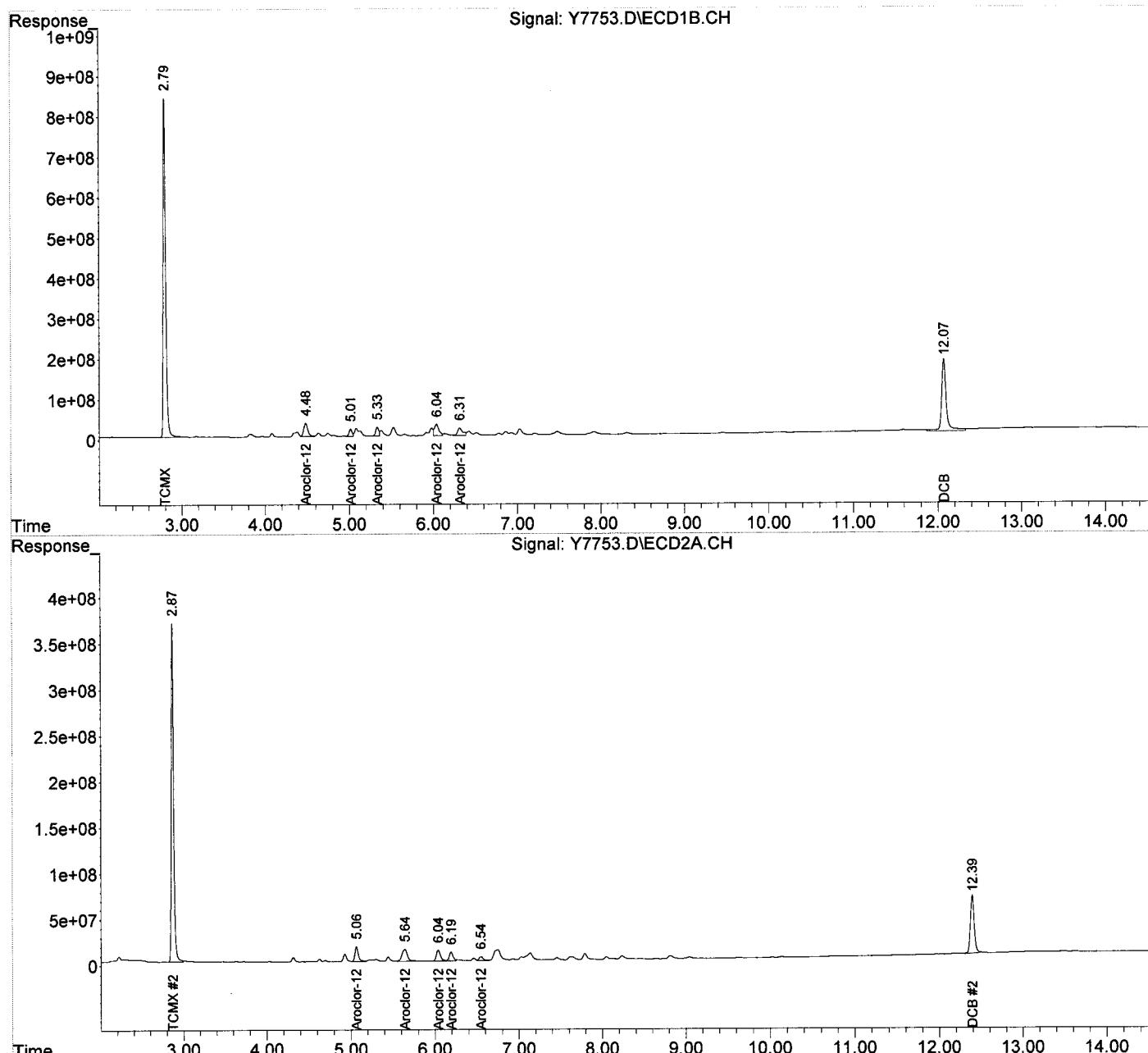
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.79	2.87	17202.8E6	7043.9E6	126.432	184.582 #
Spiked Amount	200.000			Recovery	= 63.22%	92.29%
2) S DCB	12.07	12.39	7116.3E6	2005.2E6	142.967	192.835m#
Spiked Amount	200.000			Recovery	= 71.48%	96.42%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.48	5.06	1152.2E6	460.8E6	255.886	370.228 #
24) L6 Aroclor-1248 {2}	5.01	5.64	446.1E6	576.4E6	163.741	286.255 #
25) L6 Aroclor-1248 {3}	5.33	6.04	585.9E6	398.4E6	162.386	279.475 #
26) L6 Aroclor-1248 {4}	6.04	6.19	1054.4E6	297.5E6	168.566	230.330 #
27) L6 Aroclor-1248 {5}	6.31	6.55	791.4E6	150.5E6	200.677	221.204
Sum Aroclor-1248			4030.0E6	1883.6E6	951.255	1387.492
Average Aroclor-1248					190.251	277.498
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
Data File : Y7753.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 12:26  
Operator : NG  
Sample : L-19W\_(0-2,03615-018,S,5.40g,13.3,04/26/13,4  
Misc : 130426-22,04/19/13,04/19/13,1  
ALS Vial : 61 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 10:55:09 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7754.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 12:43  
 Operator : NG  
 Sample : L-19N\_(0-2,03615-019,S,5.50g,21.7,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,1  
 ALS Vial : 62 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 10:56:39 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.79	2.87	11714.6E6	6960.0E6	86.097	182.383 #
Spiked Amount	200.000			Recovery =	43.05%	91.19%
2) S DCB	12.06	12.39	5981.1E6	2007.0E6	120.161	193.006m#
Spiked Amount	200.000			Recovery =	60.08%	96.50%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.48	5.06	5116.8E6	1999.7E6	1136.310	1606.579 #
24) L6 Aroclor-1248 {2}	5.01	5.64	3238.6E6	3992.7E6	1188.842	1982.819 #
25) L6 Aroclor-1248 {3}	5.33	6.03	3943.9E6	2497.7E6	1092.989	1752.018 #
26) L6 Aroclor-1248 {4}	6.03	6.19	7525.6E6	2147.8E6	1203.062	1663.003 #
27) L6 Aroclor-1248 {5}	6.31	6.54	5516.9E6	1180.0E6	1399.008	1734.367
Sum Aroclor-1248			25341.8E6	11818.0E6	6020.210	8738.785
Average Aroclor-1248					1204.042	1747.757
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

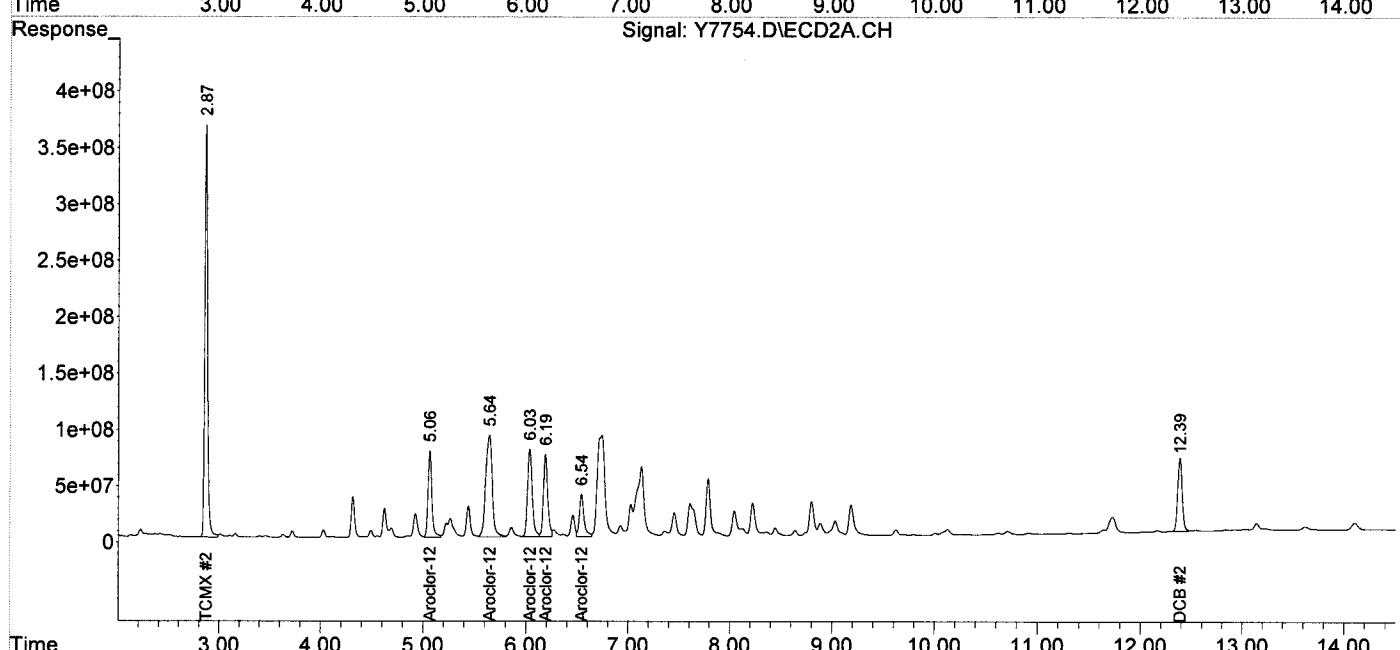
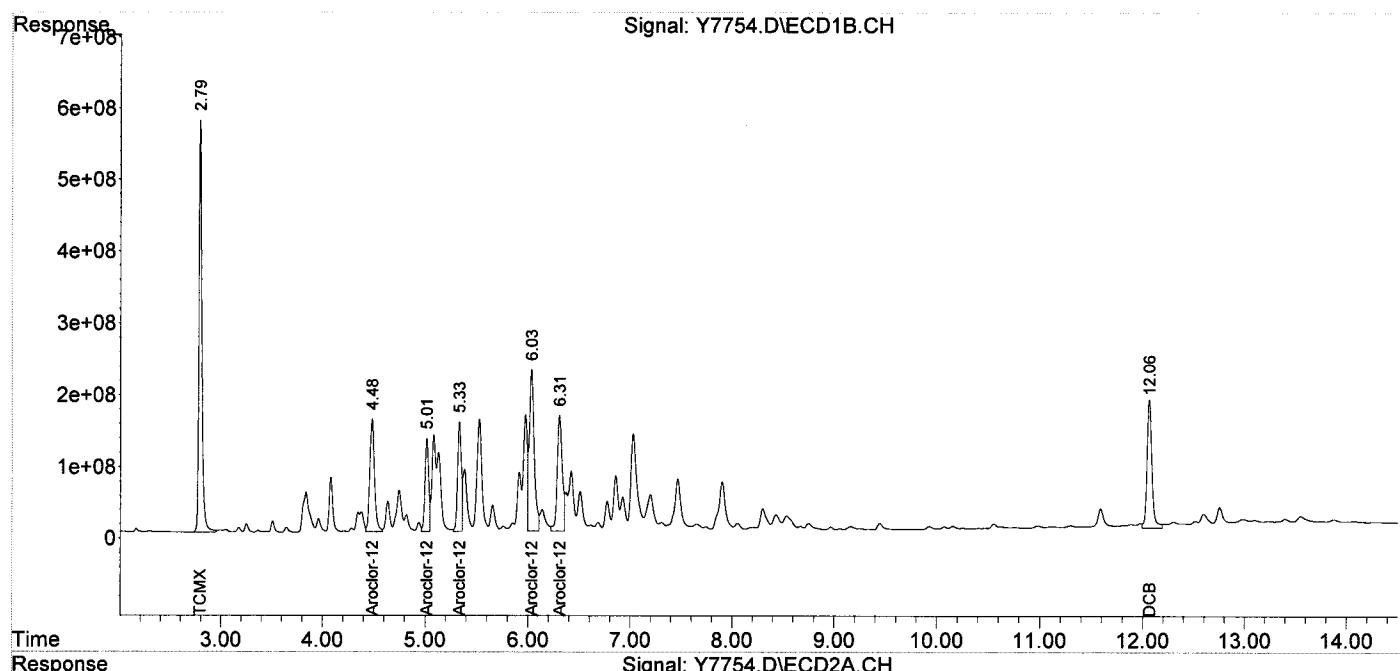
---

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
Data File : Y7754.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 12:43  
Operator : NG  
Sample : L-19N\_(0-2,03615-019,S,5.50g,21.7,04/26/13,4  
Misc : 130426-22,04/19/13,04/19/13,1  
ALS Vial : 62 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 10:56:39 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7771.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 18:30  
 Operator : NG  
 Sample : L-19E\_(0-2,03615-020,S,5.30g,38.4,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,5  
 ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 11:33:18 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

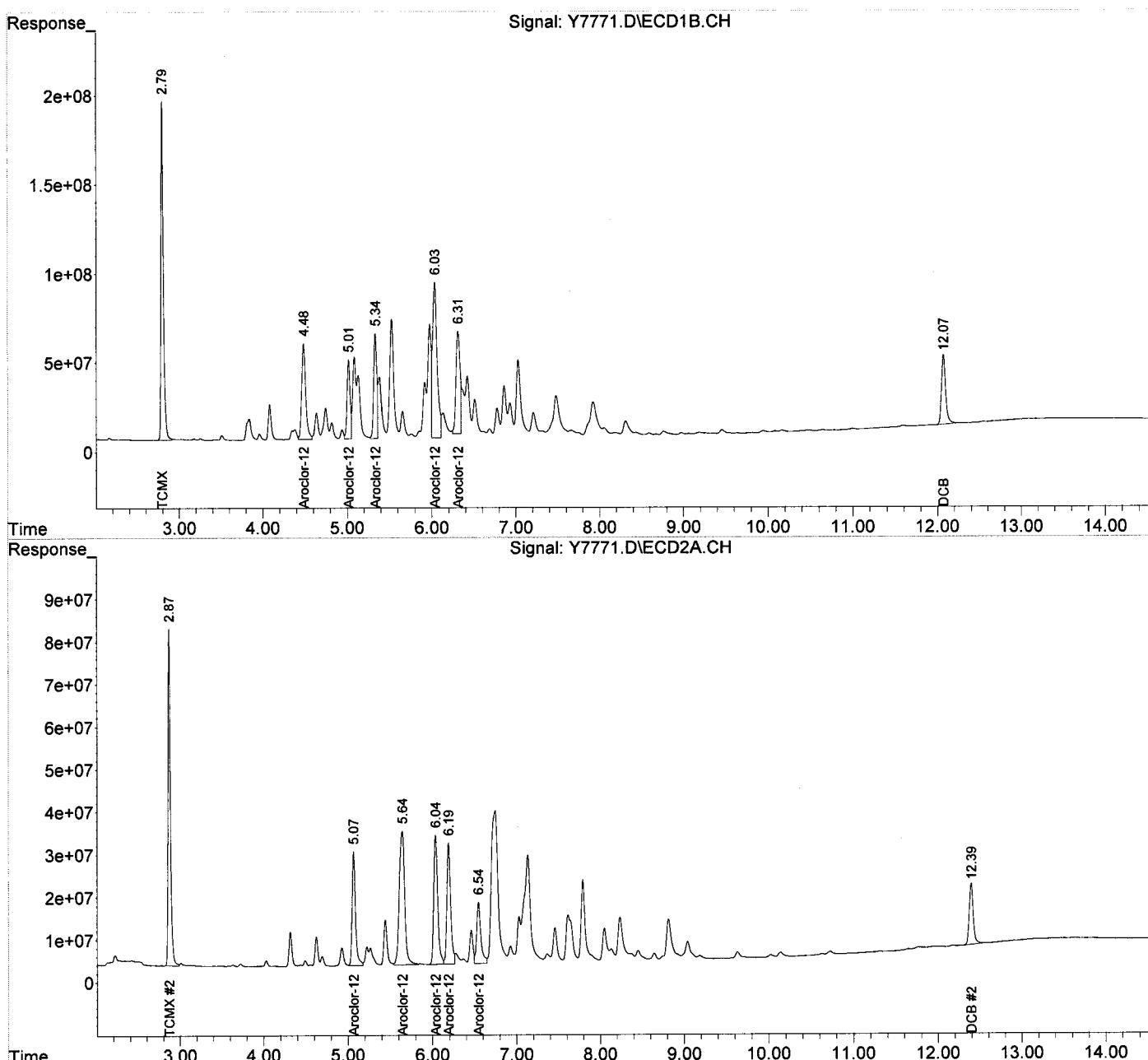
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.79	2.87	3785.5E6	1535.0E6	27.822	40.223 #
Spiked Amount	200.000		Recovery	=	13.91%	20.11%
2) S DCB	12.07	12.39	1342.4E6	473.7E6	26.968m	45.559m#
Spiked Amount	200.000		Recovery	=	13.48%	22.78%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.48	5.07	1793.1E6	741.7E6	398.209	595.860 #
24) L6 Aroclor-1248 {2}	5.01	5.64	1107.6E6	1402.5E6	406.579	696.488 #
25) L6 Aroclor-1248 {3}	5.34	6.04	1539.1E6	1000.0E6	426.531	701.474 #
26) L6 Aroclor-1248 {4}	6.04	6.19	3274.4E6	878.2E6	523.447	680.002 #
27) L6 Aroclor-1248 {5}	6.31	6.54	1887.9E6	497.5E6	478.748m	731.271 #
Sum Aroclor-1248			9602.1E6	4520.0E6	2233.515	3405.096
Average Aroclor-1248					446.703	681.019
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
Data File : Y7771.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 18:30  
Operator : NG  
Sample : L-19E\_(0-2,03615-020,S,5.30g,38.4,04/26/13,4  
Misc : 130426-22,04/19/13,04/19/13,5  
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 11:33:18 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7772.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 18:48  
 Operator : NG  
 Sample : M-17S\_(0-2,03615-021,S,5.33g,14.0,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,20  
 ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 11:34:44 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
----------	------	------	--------	--------	------	------

System Monitoring Compounds

1) S TCMX	2.79	2.87	831.5E6	334.0E6	6.111	8.753 #
Spiked Amount	200.000			Recovery	=	3.06% 4.38%
2) S DCB	12.07	12.39	311.4E6	105.9E6	6.257m	10.185m#
Spiked Amount	200.000			Recovery	=	3.13% 5.09%

Target Compounds

Sum Aroclor-1016		0	0	N.D.	N.D.
Average Aroclor-1016				0.000	0.000

Sum Aroclor-1221		0	0	N.D.	N.D.
Average Aroclor-1221				0.000	0.000

Sum Aroclor-1232		0	0	N.D.	N.D.
Average Aroclor-1232				0.000	0.000

Sum Aroclor-1242		0	0	N.D.	N.D.
Average Aroclor-1242				0.000	0.000

23) L6 Aroclor-1248	4.49	5.07	3055.3E6	1210.9E6	678.510	972.865 #
24) L6 Aroclor-1248	{2}	5.02	5.64	1366.5E6	1706.0E6	501.622 847.247 #
25) L6 Aroclor-1248	{3}	5.34	6.04	2083.8E6	1297.6E6	577.501 910.162 #
26) L6 Aroclor-1248	{4}	6.03	6.19	3970.8E6	1148.1E6	634.786 888.958 #
27) L6 Aroclor-1248	{5}	6.31	6.54	3324.9E6	644.7E6	843.134 947.620
Sum Aroclor-1248				13801.3E6	6007.4E6	3235.552 4566.851
Average Aroclor-1248					647.110	913.370

Sum Aroclor-1254		0	0	N.D.	N.D.
Average Aroclor-1254				0.000	0.000

Sum Aroclor-1260		0	0	N.D.	N.D.
Average Aroclor-1260				0.000	0.000

Sum Aroclor-1262		0	0	N.D.	N.D.
Average Aroclor-1262				0.000	0.000

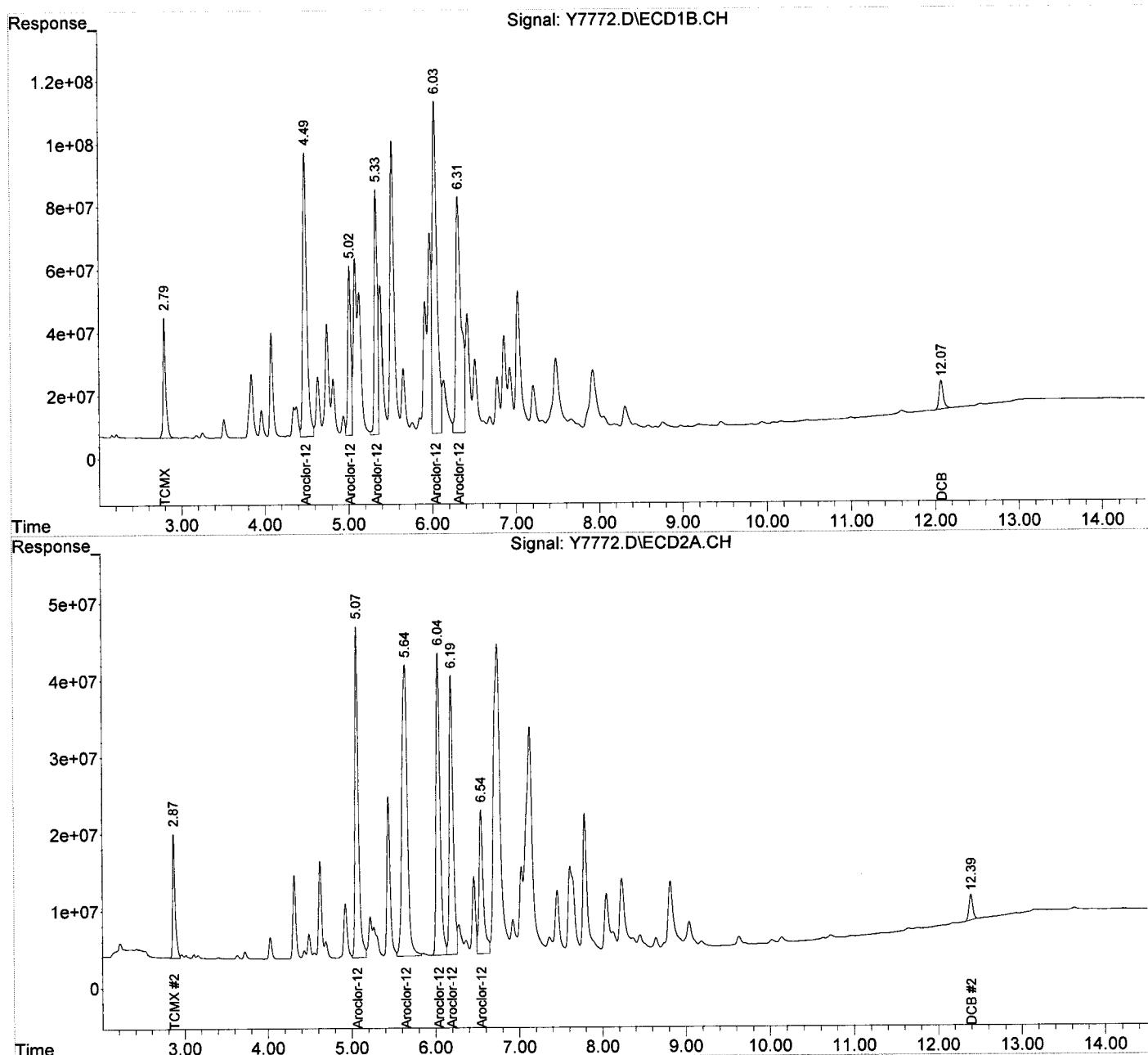
Sum Aroclor-1268		0	0	N.D.	N.D.
Average Aroclor-1268				0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
Data File : Y7772.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 18:48  
Operator : NG  
Sample : M-17S\_(0-2,03615-021,S,5.33g,14.0,04/26/13,4  
Misc : 130426-22,04/19/13,04/19/13,20  
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 11:34:44 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7773.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 19:05  
 Operator : NG  
 Sample : M-17W\_(0-2,03615-022,S,5.70g,17.4,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,10  
 ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 11:38:59 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

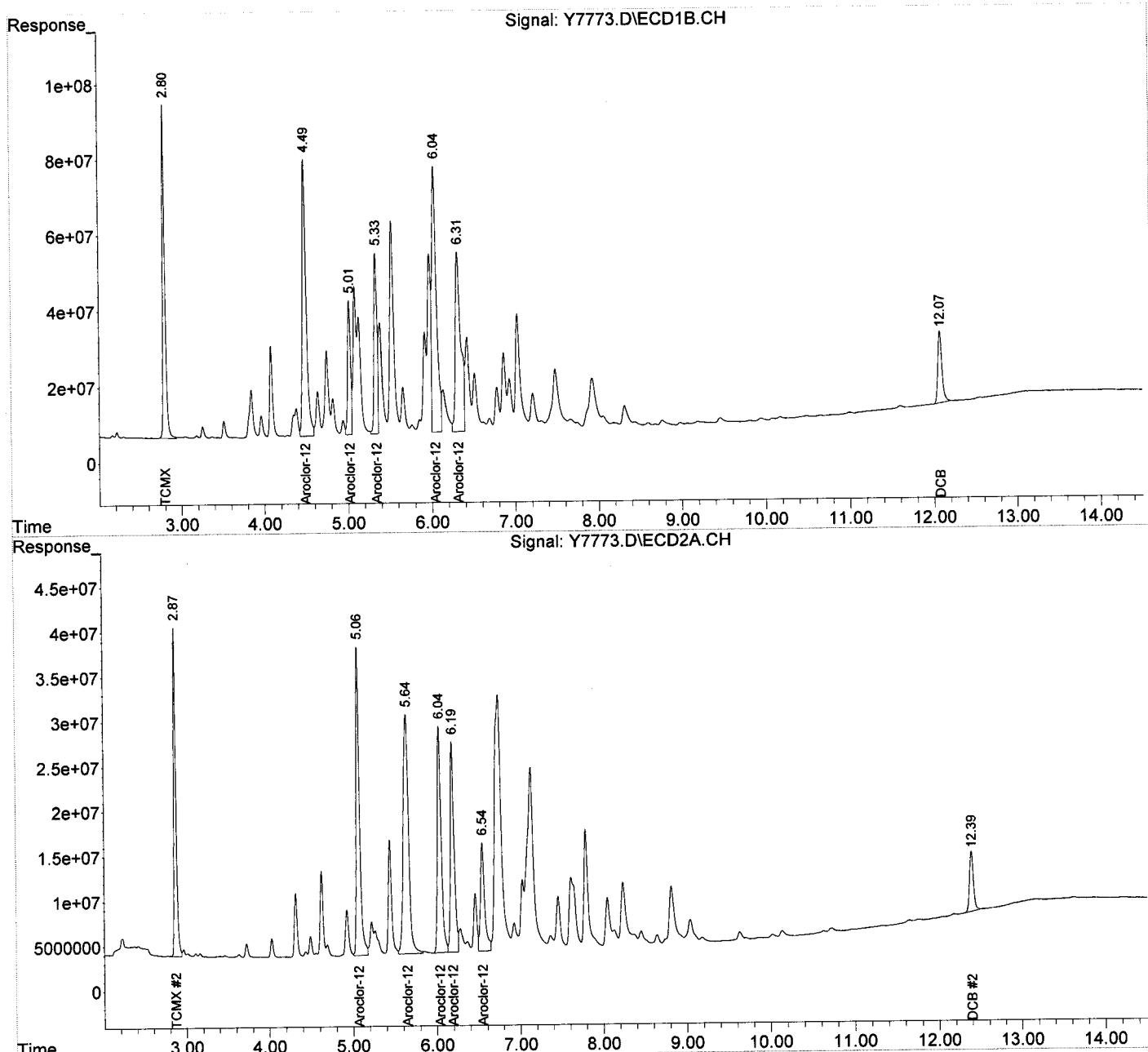
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.80	2.87	1732.6E6	699.2E6	12.734	18.322 #
Spiked Amount	200.000			Recovery	=	6.37% 9.16%
2) S DCB	12.07	12.39	642.3E6	220.7E6	12.904m	21.221m#
Spiked Amount	200.000			Recovery	=	6.45% 10.61%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.49	5.07	2390.1E6	969.5E6	530.780	778.910 #
24) L6 Aroclor-1248 {2}	5.01	5.64	888.8E6	1183.4E6	326.274	587.714 #
25) L6 Aroclor-1248 {3}	5.34	6.04	1259.6E6	829.2E6	349.081	581.654 #
26) L6 Aroclor-1248 {4}	6.04	6.19	2628.4E6	724.3E6	420.182	560.798 #
27) L6 Aroclor-1248 {5}	6.31	6.54	2121.3E6	420.3E6	537.937	617.701
Sum Aroclor-1248			9288.2E6	4126.7E6	2164.253	3126.777
Average Aroclor-1248					432.851	625.355
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
Data File : Y7773.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 19:05  
Operator : NG  
Sample : M-17W (0-2,03615-022,S,5.70g,17.4,04/26/13,4  
Misc : 130426-22,04/19/13,04/19/13,10  
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 11:38:59 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7774.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 19:22  
 Operator : NG  
 Sample : M-17N\_(0-2,03615-023,S,5.70g,19.4,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,10  
 ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 11:40:15 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

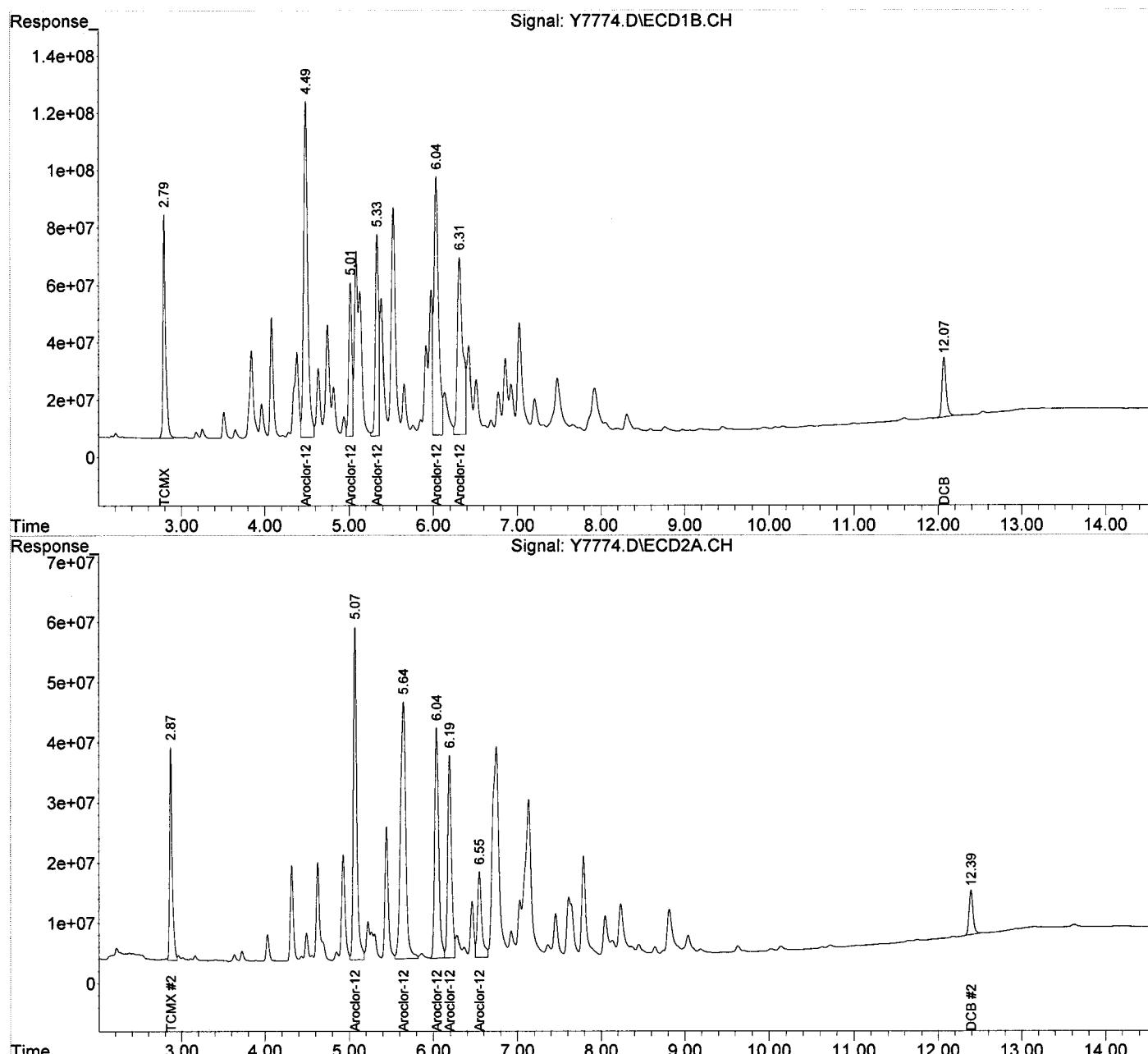
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.79	2.87	1676.7E6	753.8E6	12.323	19.753 #
Spiked Amount	200.000			Recovery	=	6.16% 9.88%
2) S DCB	12.07	12.39	702.0E6	242.1E6	14.104m	23.281m#
Spiked Amount	200.000			Recovery	=	7.05% 11.64%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.49	5.07	3968.1E6	1569.1E6	881.221	1260.627 #
24) L6 Aroclor-1248 {2}	5.01	5.64	1379.2E6	1878.5E6	506.289	932.884 #
25) L6 Aroclor-1248 {3}	5.34	6.04	1900.3E6	1276.5E6	526.653	895.361 #
26) L6 Aroclor-1248 {4}	6.04	6.19	3417.5E6	1050.6E6	546.326	813.495 #
27) L6 Aroclor-1248 {5}	6.31	6.55	2792.9E6	500.2E6	708.237	735.124
Sum Aroclor-1248			13458.0E6	6274.9E6	3168.726	4637.491
Average Aroclor-1248					633.745	927.498
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
Data File : Y7774.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 19:22  
Operator : NG  
Sample : M-17N\_(0-2,03615-023,S,5.70g,19.4,04/26/13,4  
Misc : 130426-22,04/19/13,04/19/13,10  
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 11:40:15 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7759.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 14:09  
 Operator : NG  
 Sample : Q-21W\_(0-2,03615-024,S,5.50g,20.3,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,1  
 ALS Vial : 67 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 10:59:00 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase :  
 Signal #1 Info :

Signal #2 Phase:  
 Signal #2 Info :

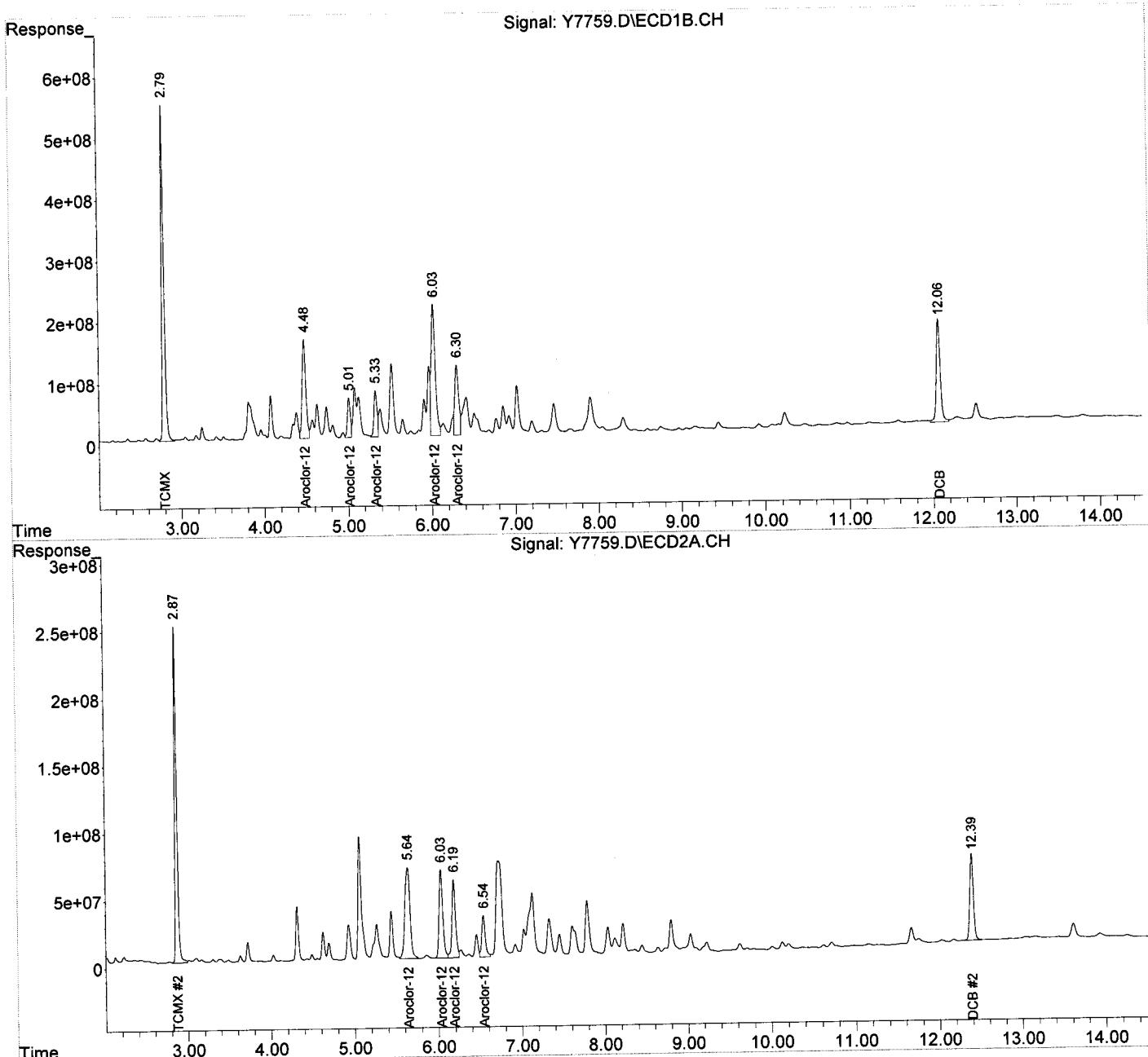
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.79	2.87	10879.8E6	4585.6E6	79.961	120.165 #
Spiked Amount	200.000		Recovery	=	39.98%	60.08%
2) S DCB	12.06	12.39	5525.8E6	1935.7E6	111.013	186.158m#
Spiked Amount	200.000		Recovery	=	55.51%	93.08%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.48	0.00	4980.6E6	0	1106.077	N.D. d#
24) L6 Aroclor-1248	{2}	5.01	5.64	1609.4E6	2950.5E6	590.807 1465.282 #
25) L6 Aroclor-1248	{3}	5.33	6.03	1960.5E6	2043.0E6	543.334 1433.024 #
26) L6 Aroclor-1248	{4}	6.03	6.19	7258.6E6	1736.2E6	1160.374 1344.345
27) L6 Aroclor-1248	{5}	6.30	6.54	3585.2E6	907.3E6	909.154m 1333.504 #
Sum Aroclor-1248			19394.4E6	7637.1E6	4309.747	5576.155
Average Aroclor-1248					861.949	1394.039
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
Data File : Y7759.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 14:09  
Operator : NG  
Sample : Q-21W\_(0-2,03615-024,S,5.50g,20.3,04/26/13,4  
Misc : 130426-22,04/19/13,04/19/13,1  
ALS Vial : 67 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 10:59:00 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7760.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 14:55  
 Operator : NG  
 Sample : Q-21W\_(2.0,03615-025,S,5.30g,29.0,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,1  
 ALS Vial : 68 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 11:07:58 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.79	2.87	9662.6E6	4888.5E6	71.016	128.100 #
Spiked Amount	200.000			Recovery	=	35.51% 64.05%
2) S DCB	12.06	12.39	6295.4E6	2119.5E6	126.476	203.831m#
Spiked Amount	200.000			Recovery	=	63.24% 101.92%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
18) L5 Aroclor-1242	4.07	4.70	710.1E6	181.8E6	317.392	450.414 #
19) L5 Aroclor-1242	{2}	5.01	5.44	755.7E6	397.9E6	523.995 585.607
20) L5 Aroclor-1242	{3}	5.33	6.04	749.1E6	804.5E6	377.726 891.780 #
21) L5 Aroclor-1242	{4}	6.02	6.19	2162.6E6	454.5E6	636.095 601.901
22) L5 Aroclor-1242	{5}	6.30	6.72	1238.6E6	786.4E6	435.071 544.970 #
Sum Aroclor-1242				5616.2E6	2625.1E6	2290.279 3074.673
Average Aroclor-1242					458.056	614.935
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

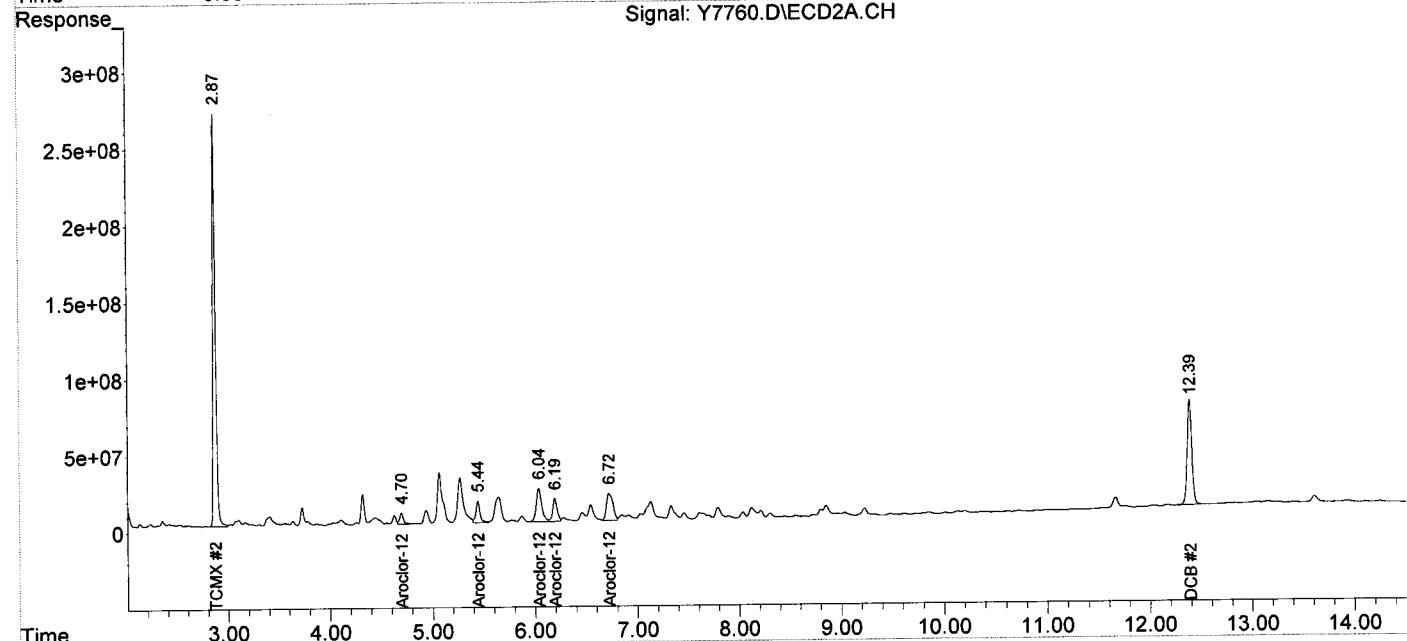
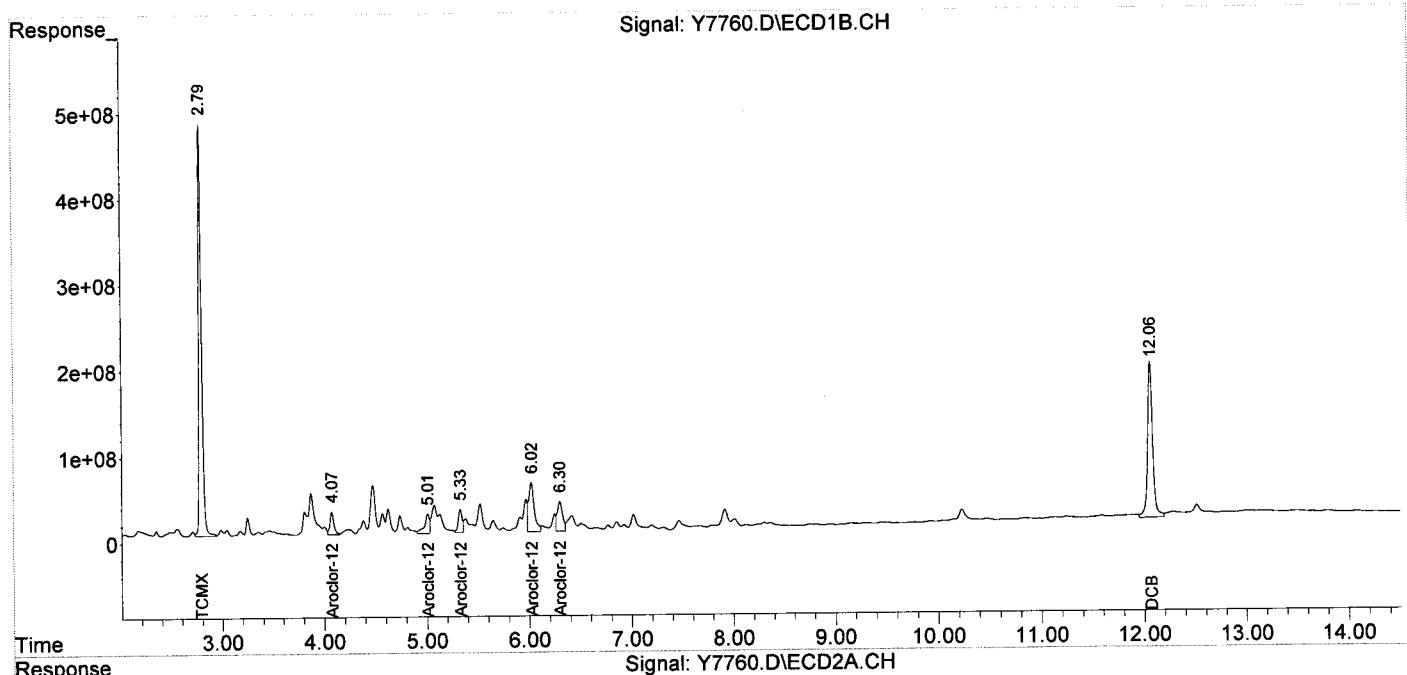
---

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
Data File : Y7760.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 14:55  
Operator : NG  
Sample : Q-21W (2.0,03615-025,S,5.30g,29.0,04/26/13,4  
Misc : 130426-22,04/19/13,04/19/13,1  
ALS Vial : 68 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 11:07:58 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7775.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 19:39  
 Operator : NG  
 Sample : Q-21S\_(0-2,03615-026,S,5.50g,20.1,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,2  
 ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 11:43:14 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

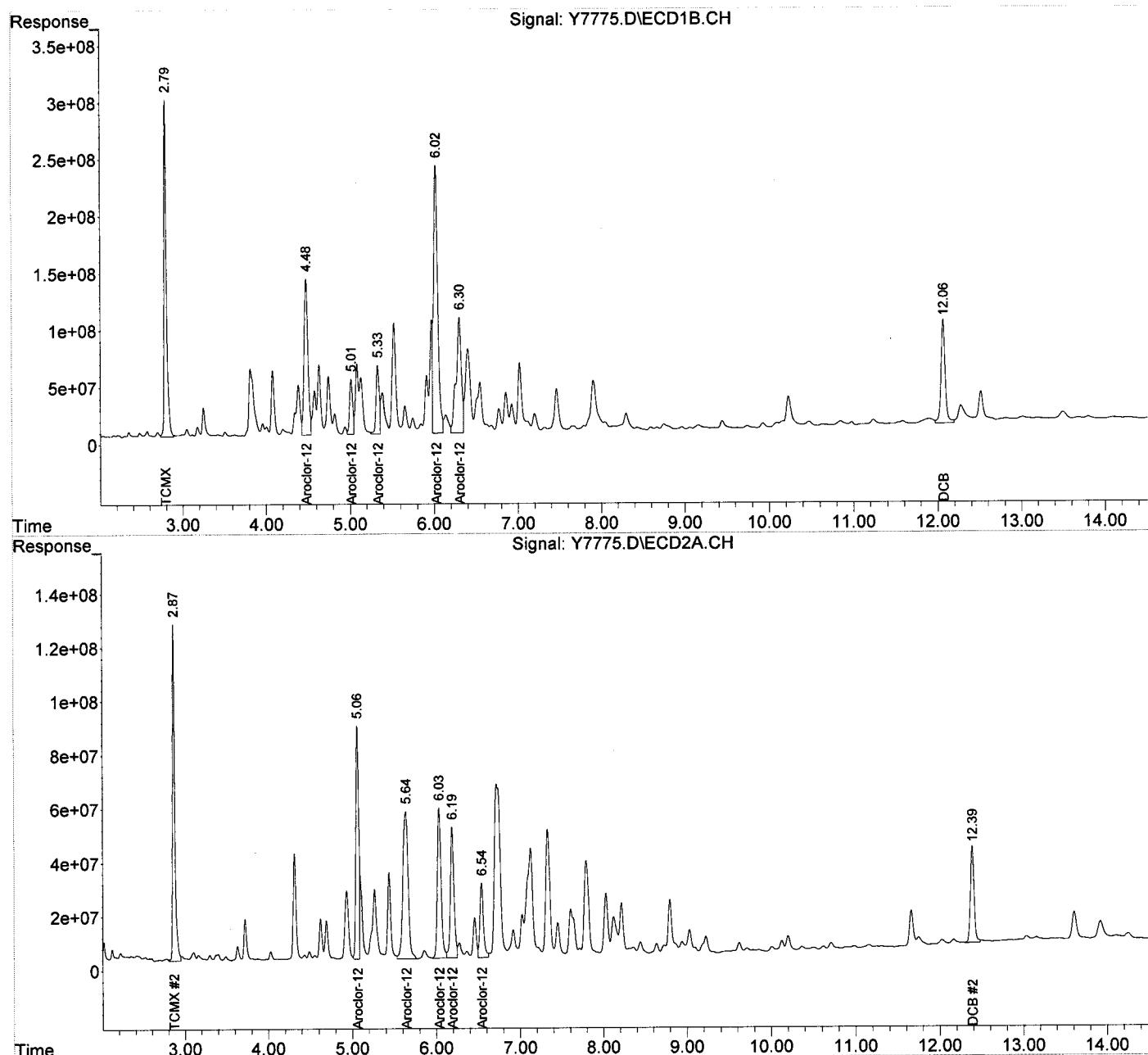
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.79	2.87	5847.4E6	2332.7E6	42.976	61.127 #
Spiked Amount	200.000			Recovery	=	21.49% 30.56%
2) S DCB	12.06	12.39	3093.0E6	1108.1E6	62.138	106.565m#
Spiked Amount	200.000			Recovery	=	31.07% 53.28%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.48	5.06	4365.8E6	2134.2E6	969.545	1714.605m#
24) L6 Aroclor-1248 {2}	5.01	5.64	1236.7E6	2384.1E6	453.965	1183.977 #
25) L6 Aroclor-1248 {3}	5.33	6.03	1610.1E6	1757.0E6	446.229	1232.442 #
26) L6 Aroclor-1248 {4}	6.02	6.19	8048.0E6	1454.0E6	1286.574	1125.838
27) L6 Aroclor-1248 {5}	6.30	6.54	4354.5E6	812.0E6	1104.227	1193.411
Sum Aroclor-1248			19615.1E6	8541.3E6	4260.539	6450.272
Average Aroclor-1248					852.108	1290.054
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7775.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 19:39  
 Operator : NG  
 Sample : Q-21S\_(0-2,03615-026,S,5.50g,20.1,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,2  
 ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 11:43:14 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7762.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 15:30  
 Operator : NG  
 Sample : Q-21S\_(2.0,03615-027,S,5.50g,28.5,04/26/13,4  
 Misc : 130426-22,04/19/13,04/19/13,1  
 ALS Vial : 70 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 11:11:18 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

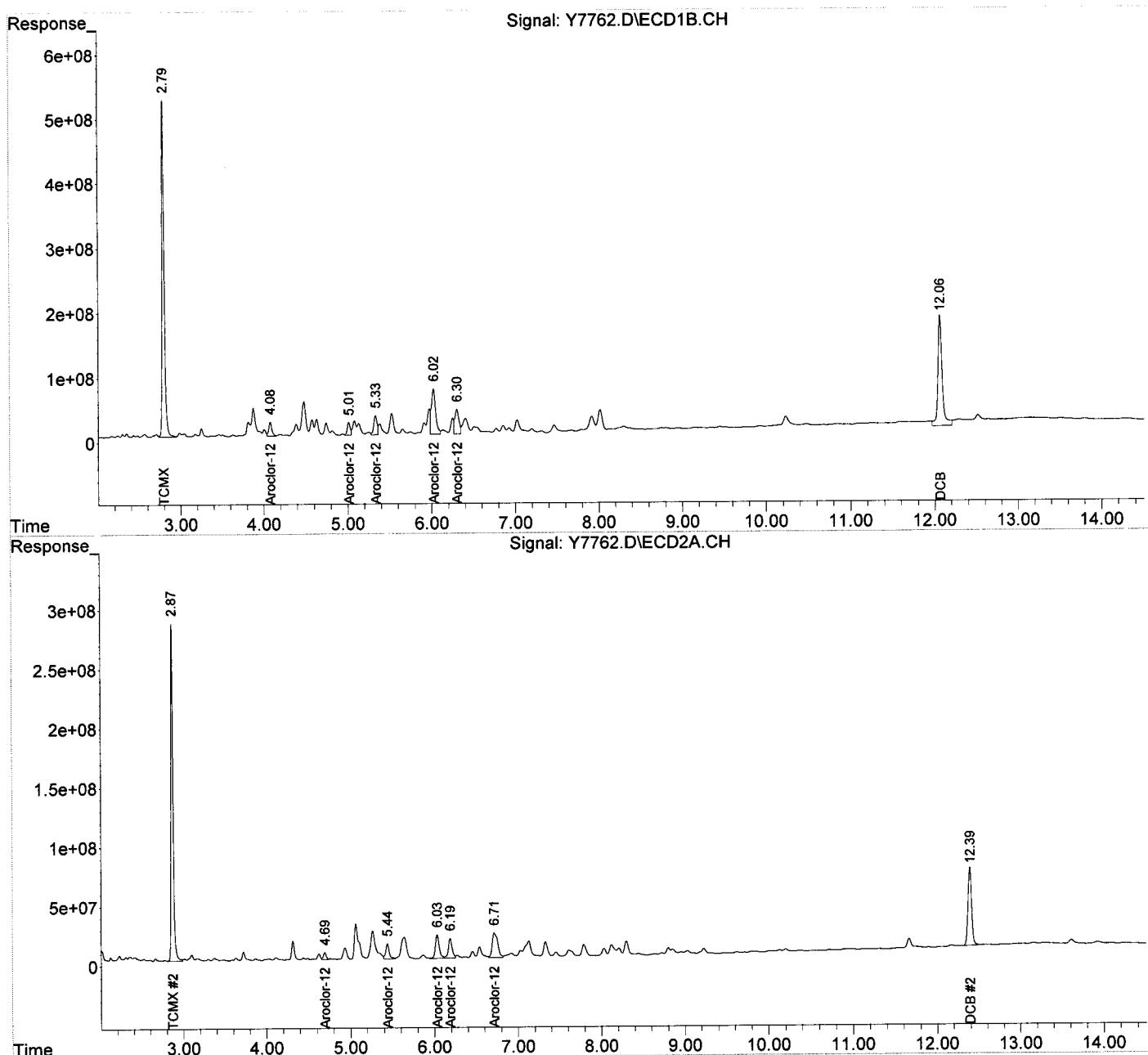
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.79	2.87	9877.3E6	5068.5E6	72.593	132.818 #
Spiked Amount	200.000			Recovery =	36.30%	66.41%
2) S DCB	12.06	12.39	6178.4E6	1976.9E6	124.125	190.113m#
Spiked Amount	200.000			Recovery =	62.06%	95.06%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
18) L5 Aroclor-1242	4.08	4.69	562.4E6	145.6E6	251.365	360.613 #
19) L5 Aroclor-1242	{2}	5.01	5.44	480.7E6	377.4E6	333.302
20) L5 Aroclor-1242	{3}	5.33	6.03	822.5E6	639.2E6	414.716
21) L5 Aroclor-1242	{4}	6.02	6.19	2467.6E6	522.0E6	725.799
22) L5 Aroclor-1242	{5}	6.30	6.72	1309.8E6	948.0E6	460.056
Sum Aroclor-1242				5642.9E6	2632.1E6	2185.239
Average Aroclor-1242					437.048	594.567
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
Data File : Y7762.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 15:30  
Operator : NG  
Sample : Q-21S\_(2.0,03615-027,S,5.50g,28.5,04/26/13,4  
Misc : 130426-22,04/19/13,04/19/13,1  
ALS Vial : 70 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 11:11:18 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-01-13\  
 Data File : Y7829.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 01 May 2013 17:50  
 Operator : NG  
 Sample : Q-21E\_(0-2,03615-028,S,5.60g,28.4,04/26/13,4  
 Misc : 130426-25,04/19/13,04/19/13,10  
 ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 13:55:31 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M  
 Quant Title :  
 QLast Update : Thu May 02 08:44:23 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

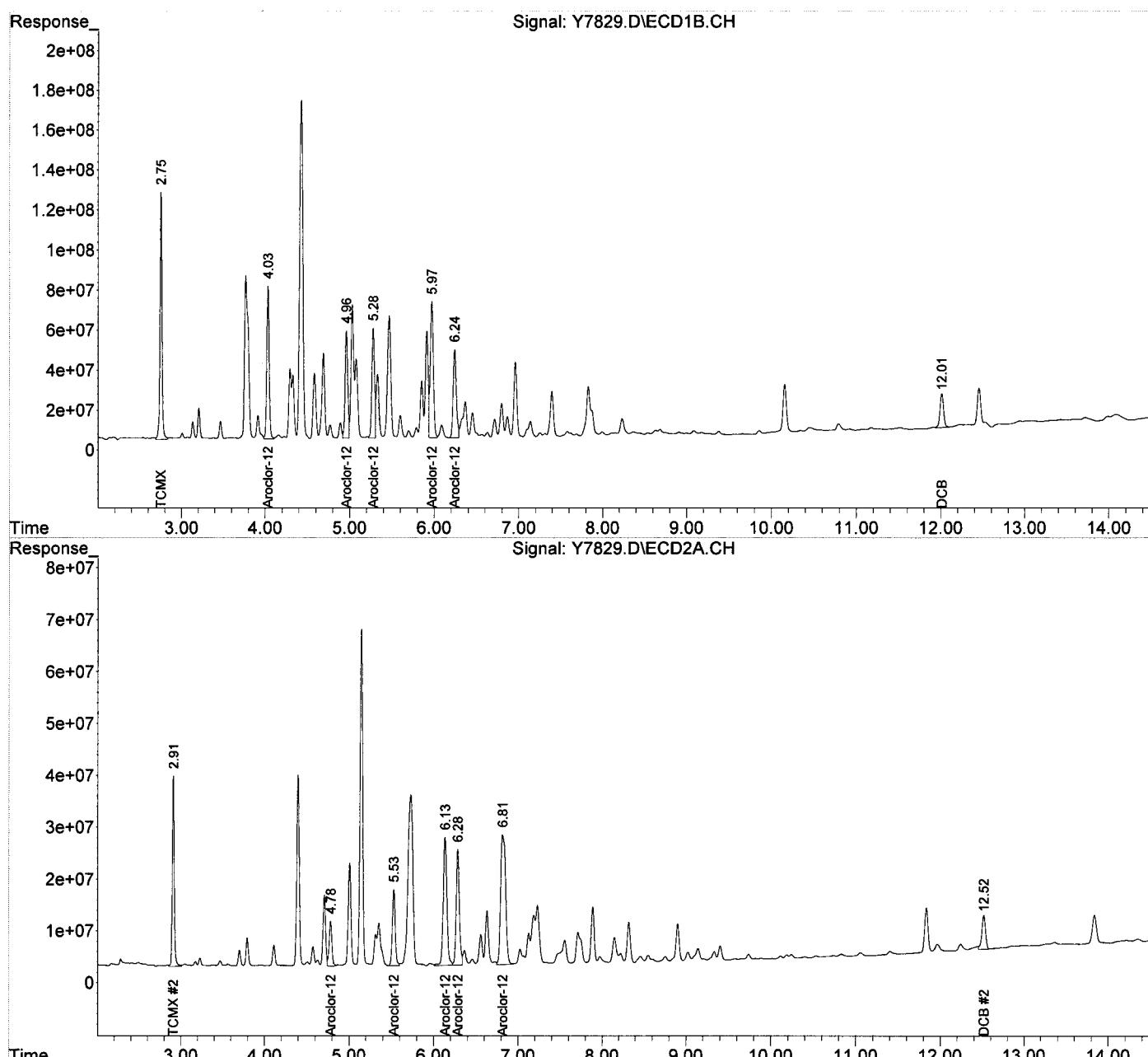
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.75	2.91	2053.6E6	602.3E6	32.393	31.661
Spiked Amount	200.000			Recovery	= 16.20%	15.83%
2) S DCB	12.01	12.52	520.4E6	201.0E6	34.264m	39.274m
Spiked Amount	200.000			Recovery	= 17.13%	19.64%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
18) L5 Aroclor-1242	4.03	4.78	1520.4E6	196.5E6	679.576	486.762 #
19) L5 Aroclor-1242 {2}	4.96	5.53	1167.4E6	352.3E6	809.432	518.509 #
20) L5 Aroclor-1242 {3}	5.28	6.13	1229.6E6	747.7E6	620.026	828.899 #
21) L5 Aroclor-1242 {4}	5.97	6.28	1712.4E6	582.9E6	503.680	771.955 #
22) L5 Aroclor-1242 {5}	6.24	6.81	1148.6E6	1045.2E6	403.456	724.303 #
Sum Aroclor-1242			6778.5E6	2924.6E6	3016.170	3330.428
Average Aroclor-1242					603.234	666.086
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-01-13\  
Data File : Y7829.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 01 May 2013 17:50  
Operator : NG  
Sample : Q-21E\_(0-2,03615-028,S,5.60g,28.4,04/26/13,4  
Misc : 130426-25,04/19/13,04/19/13,10  
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 13:55:31 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M  
Quant Title :  
QLast Update : Thu May 02 08:44:23 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-01-13\  
 Data File : Y7830.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 01 May 2013 18:08  
 Operator : NG  
 Sample : Q-21E\_(2.0,03615-029,S,5.30g,29.0,04/26/13,4  
 Misc : 130426-25,04/19/13,04/19/13,1  
 ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 16:14:42 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M  
 Quant Title :  
 QLast Update : Thu May 02 09:45:50 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.75	2.91	16997.5E6	5820.9E6	268.123	306.010
Spiked Amount	200.000				Recovery =	134.06% 153.01%
2) S DCB	12.01	12.52	4831.2E6	1853.2E6	318.084	362.179
Spiked Amount	200.000				Recovery =	159.04% 181.09%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
18) L5 Aroclor-1242	0.00	4.78	0	142.4E6	N.D. d	512.791 #
20) L5 Aroclor-1242 {3}	5.28	6.14	442.6E6	496.5E6	322.258	826.901 #
21) L5 Aroclor-1242 {4}	5.97	6.28	686.1E6	362.6E6	364.080	723.334 #
22) L5 Aroclor-1242 {5}	6.24	6.81	530.9E6	393.6E6	295.723	426.847 #
Sum Aroclor-1242			1659.5E6	1395.0E6	982.061	2489.873
Average Aroclor-1242					327.354	622.468
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.37	7.13	319.2E6	49788416	72.336	39.535 #
29) L7 Aroclor-1254 {2}	6.79	7.71	288.5E6	42689655	98.430	44.503m#
30) L7 Aroclor-1254 {3}	6.96	8.32	1384.3E6	130.5E6	253.807	139.162 #
31) L7 Aroclor-1254 {4}	7.40	8.55	394.4E6	66290147	73.319	125.386 #
32) L7 Aroclor-1254 {5}	8.23	9.14	347.0E6	111.0E6	69.479	88.639 #
Sum Aroclor-1254			2733.5E6	400.3E6	567.370	437.225
Average Aroclor-1254					113.474	87.445
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Data Path : C:\MSDCHEM\1\DATA\05-01-13\  
Data File : Y7830.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 01 May 2013 18:08  
Operator : NG  
Sample : Q-21E\_(2.0,03615-029,S,5.30g,29.0,04/26/13,4  
Misc : 130426-25,04/19/13,04/19/13,1  
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 16:14:42 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M  
Quant Title :  
QLast Update : Thu May 02 09:45:50 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :

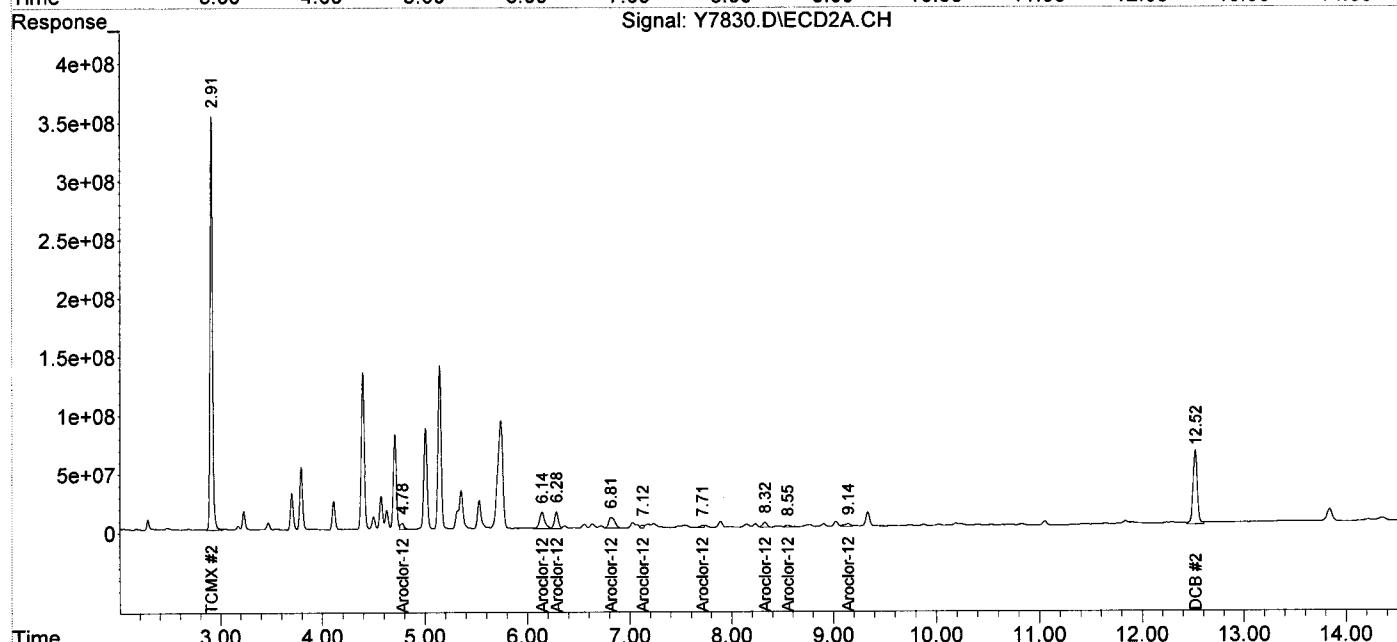
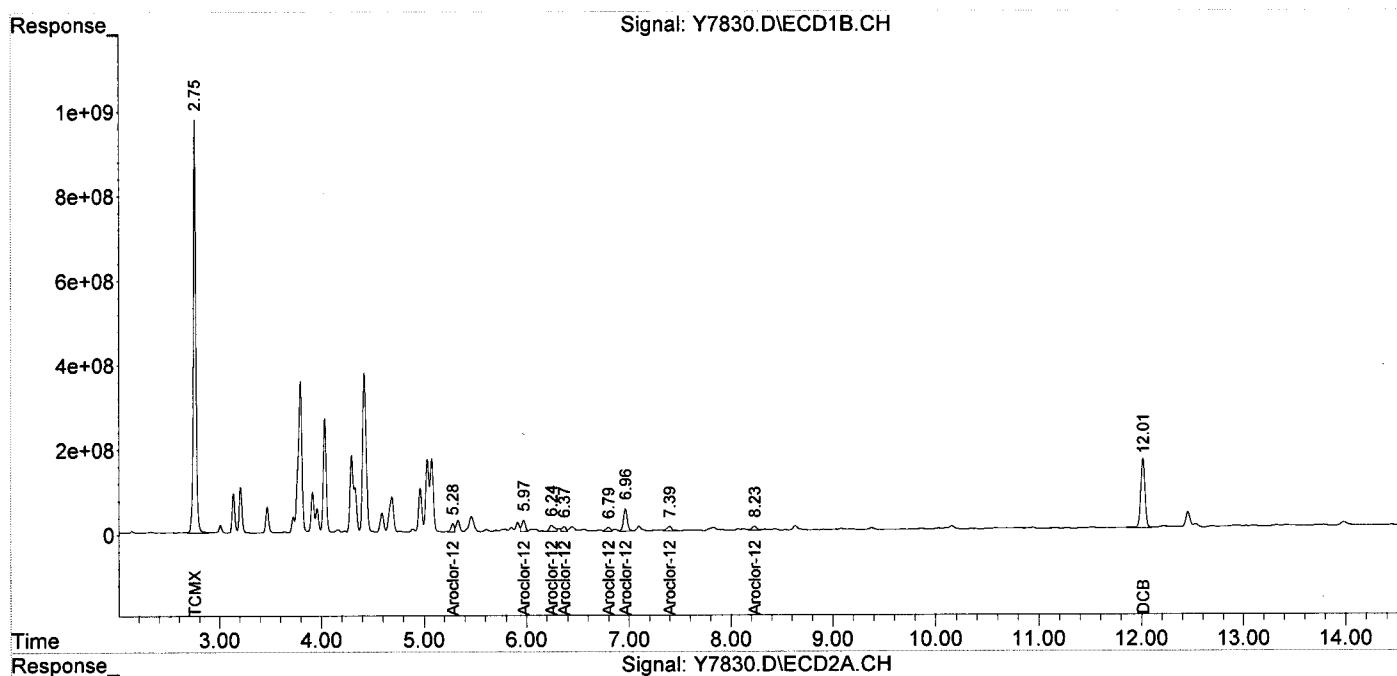
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-01-13\  
 Data File : Y7830.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 01 May 2013 18:08  
 Operator : NG  
 Sample : Q-21E\_(2.0,03615-029,S,5.30g,29.0,04/26/13,4  
 Misc : 130426-25,04/19/13,04/19/13,1  
 ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 16:14:42 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M  
 Quant Title :  
 QLast Update : Thu May 02 09:45:50 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-01-13\  
 Data File : Y7831.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 01 May 2013 18:25  
 Operator : NG  
 Sample : S-22N\_(0-2,03615-030,S,5.60g,38.0,04/26/13,4  
 Misc : 130426-25,04/19/13,04/19/13,50  
 ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 16:27:28 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M  
 Quant Title :  
 QLast Update : Thu May 02 09:45:50 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.75	2.91	597.1E6	130.9E6	9.419	6.884 #
Spiked Amount	200.000		Recovery	=	4.71%	3.44%
2) S DCB	12.01	12.52	130.0E6	42572749	8.559	8.320m
Spiked Amount	200.000		Recovery	=	4.28%	4.16%
 Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
18) L5 Aroclor-1242	0.00	4.78	0	81068502	N.D. d	291.908 #
19) L5 Aroclor-1242 {2}	0.00	5.53	0	349.0E6	N.D. d	756.353 #
20) L5 Aroclor-1242 {3}	5.28	6.13	1187.0E6	599.3E6	864.280	998.172
21) L5 Aroclor-1242 {4}	5.97	6.28	1621.3E6	483.5E6	860.410	964.676
22) L5 Aroclor-1242 {5}	6.24	6.82	1087.7E6	743.6E6	605.894	806.400 #
Sum Aroclor-1242			3896.0E6	2256.5E6	2330.584	3817.510
Average Aroclor-1242					776.861	763.502
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

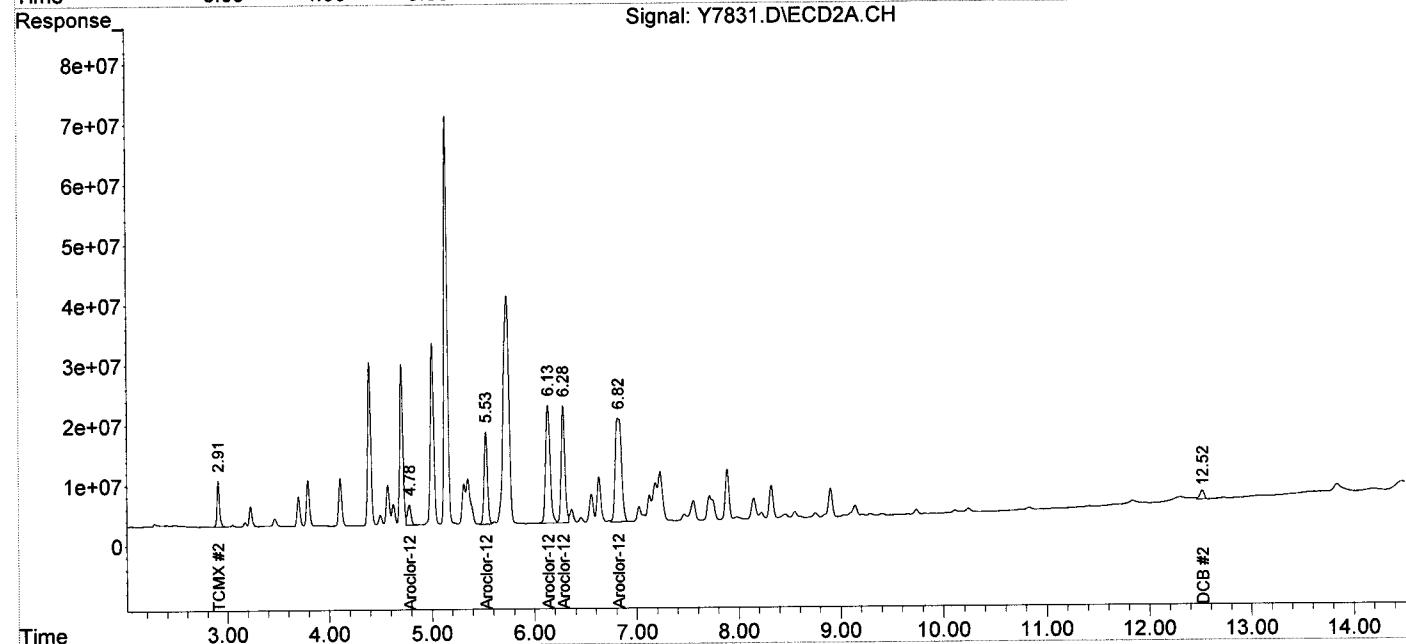
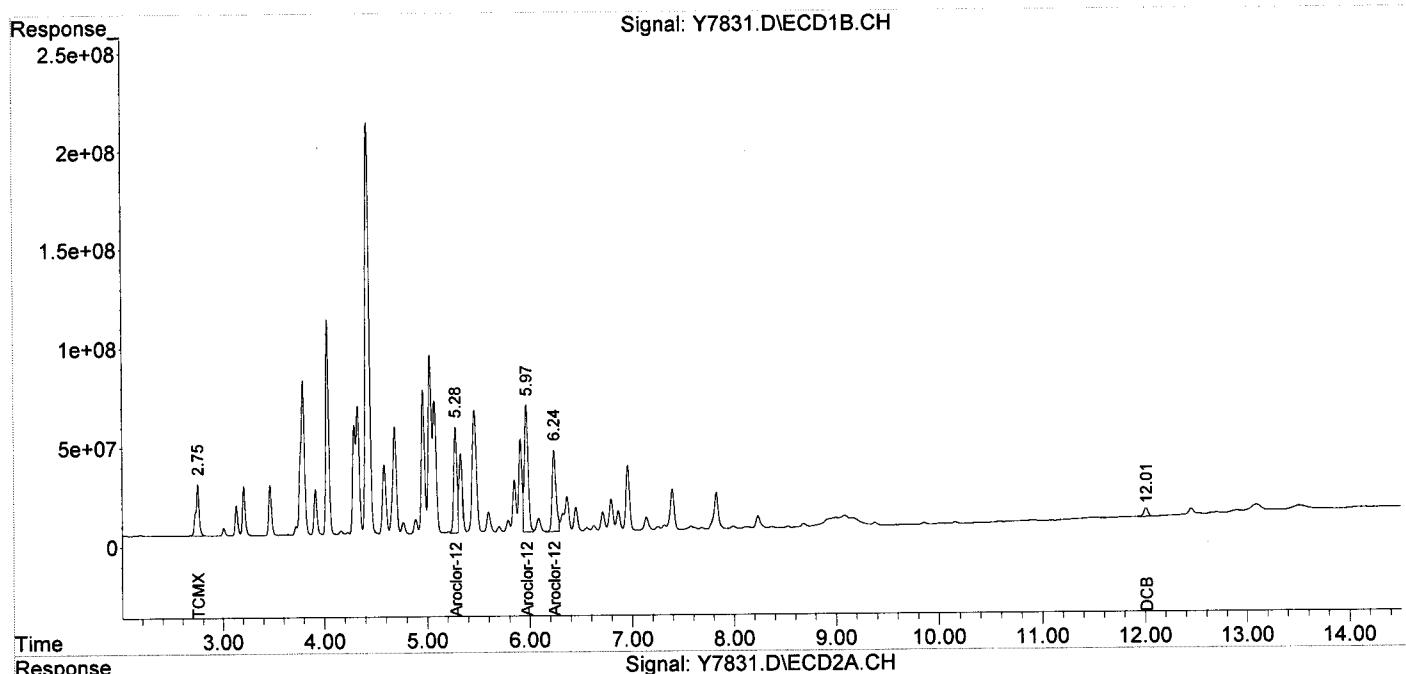
---

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-01-13\  
Data File : Y7831.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Accq On : 01 May 2013 18:25  
Operator : NG  
Sample : S-22N\_(0-2,03615-030,S,5.60g,38.0,04/26/13,4  
Misc : 130426-25,04/19/13,04/19/13,50  
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 16:27:28 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M  
Quant Title :  
QLast Update : Thu May 02 09:45:50 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\  
 Data File : R9315.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 3:06  
 Operator : JS  
 Sample : FB-73,03615-031,A,1000ml,100,04/26/13,1  
 Misc : 130426-26,04/19/13,04/19/13,1  
 ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Apr 30 10:10:03 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M  
 Quant Title :  
 QLast Update : Fri Apr 26 12:31:09 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

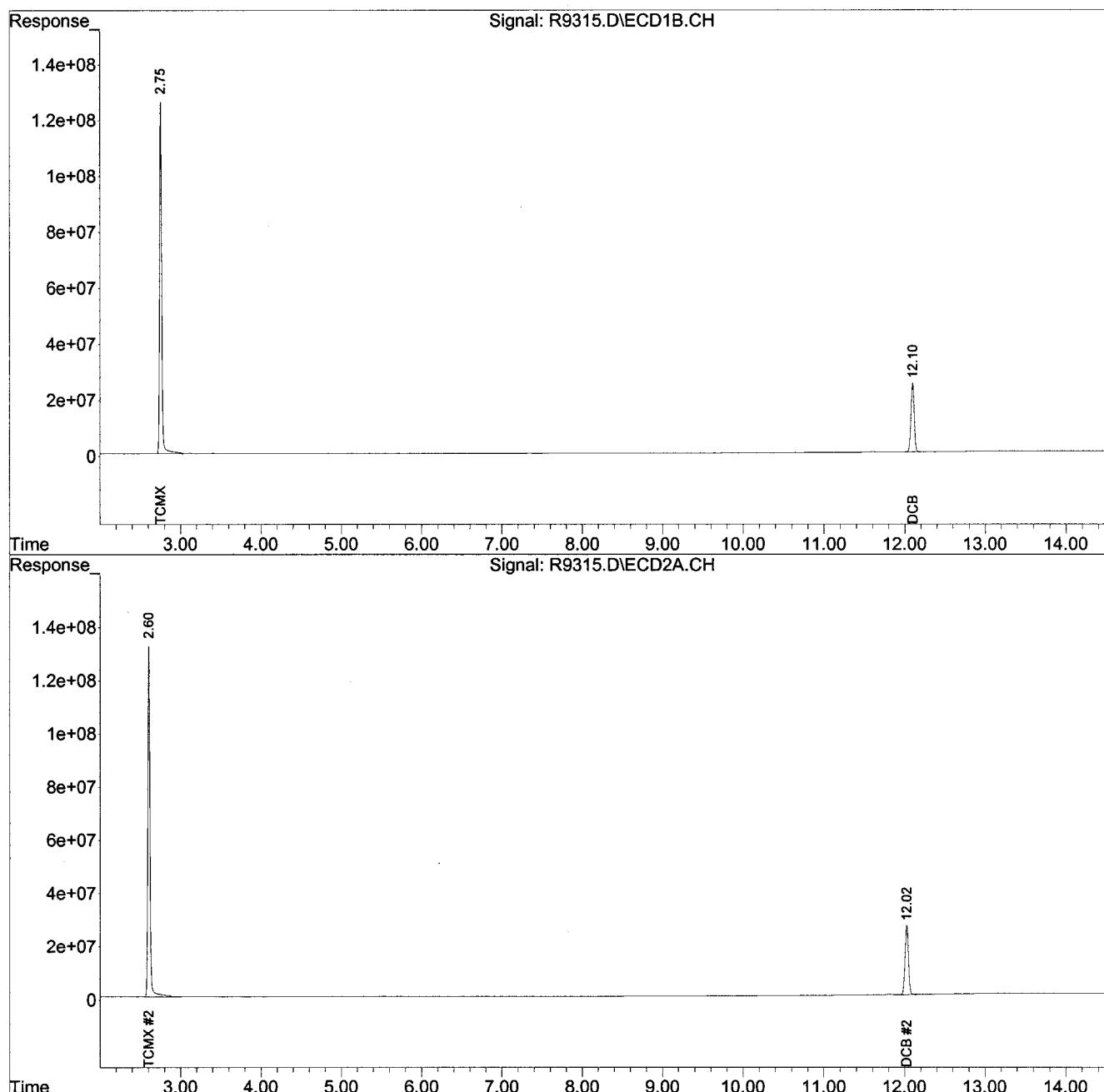
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.75	2.60	2273.1E6	2463.4E6	168.610	162.676
Spiked Amount	200.000			Recovery	=	84.31% 81.34%
2) S DCB	12.10	12.02	693.9E6	768.3E6	227.986	222.246
Spiked Amount	200.000			Recovery	=	113.99% 111.12%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-29-13\  
Data File : R9315.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 3:06  
Operator : JS  
Sample : FB-73,03615-031,A,1000ml,100,04/26/13,1  
Misc : 130426-26,04/19/13,04/19/13,1  
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Apr 30 10:10:03 2013  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M  
Quant Title :  
QLast Update : Fri Apr 26 12:31:09 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: BLKA130425-08

Client ID: PCB

Date Received: NA

Date Extracted: 04/25/2013

Date Analyzed: 04/26/2013

Data file: Y7569.D

GC Column: DB-5/DB1701P

Sample wt/vol: 1000ml

Matrix-Units: Aqueous- $\mu$ g/L (ppb)

Dilution Factor: 1

% Moisture: 100

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	ND		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	ND		0.050	0.020

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: BLKA130426-26

Client ID: PCB

Date Received: NA

Date Extracted: 04/26/2013

Date Analyzed: 04/30/2013

Data file: R9313.D

GC Column: DB-5/DB1701P

Sample wt/vol: 1000ml

Matrix-Units: Aqueous- $\mu$ g/L (ppb)

Dilution Factor: 1

% Moisture: 100

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	ND		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	ND		0.050	0.020

Data Path : C:\MSDCHEM\1\DATA\04-29-13\  
 Data File : R9313.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 2:31  
 Operator : JS  
 Sample : PCB,BLKA130426-26,A,1000ml,100,04/26/13,1  
 Misc : NA,NA,NA,1  
 ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Apr 30 10:09:18 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M  
 Quant Title :  
 QLast Update : Fri Apr 26 12:31:09 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.75	2.60	2446.3E6	2652.0E6	181.454	175.134
Spiked Amount	200.000			Recovery	=	90.73%
2) S DCB	12.10	12.02	723.8E6	798.1E6	237.799	230.879
Spiked Amount	200.000			Recovery	=	118.90%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

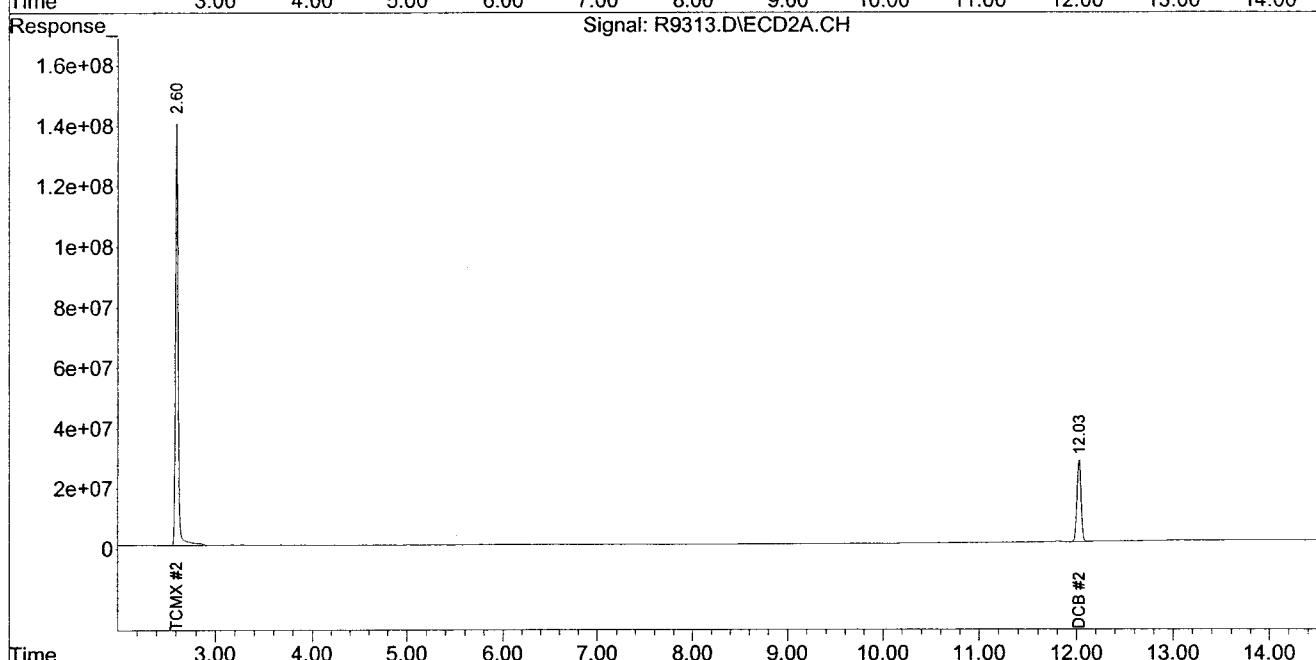
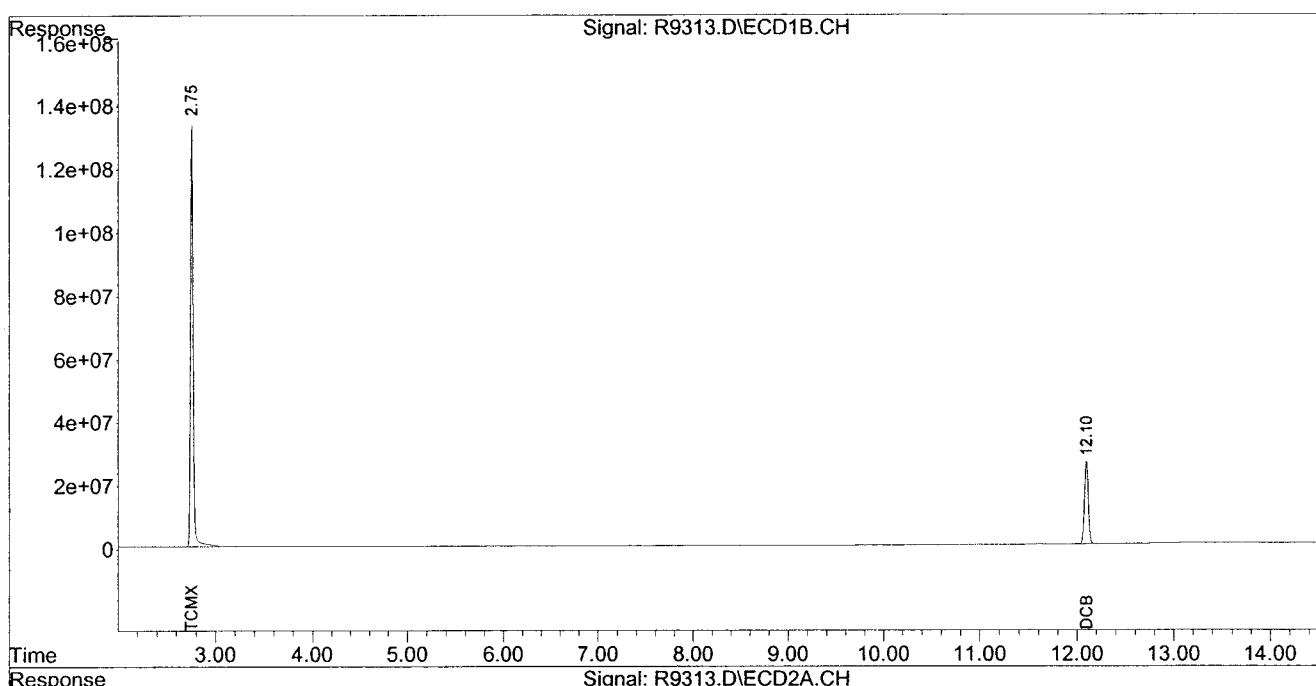
## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\  
Data File : R9313.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 2:31  
Operator : JS  
Sample : PCB, BLKA130426-26,A,1000ml,100,04/26/13,1  
Misc : NA,NA,NA,1  
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Apr 30 10:09:18 2013  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M  
Quant Title :  
QLast Update : Fri Apr 26 12:31:09 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :

Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: BLKS130426-22

Client ID: PCB

Date Received: NA

Date Extracted: 04/26/2013

Date Analyzed: 04/30/2013

Data file: Y7742.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.00g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: NA

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
 Data File : Y7742.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 8:53  
 Operator : NG  
 Sample : PCB,BLKS130426-22,S,5.00g,0,04/26/13,4  
 Misc : NA,NA,NA,1  
 ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 01 15:02:16 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

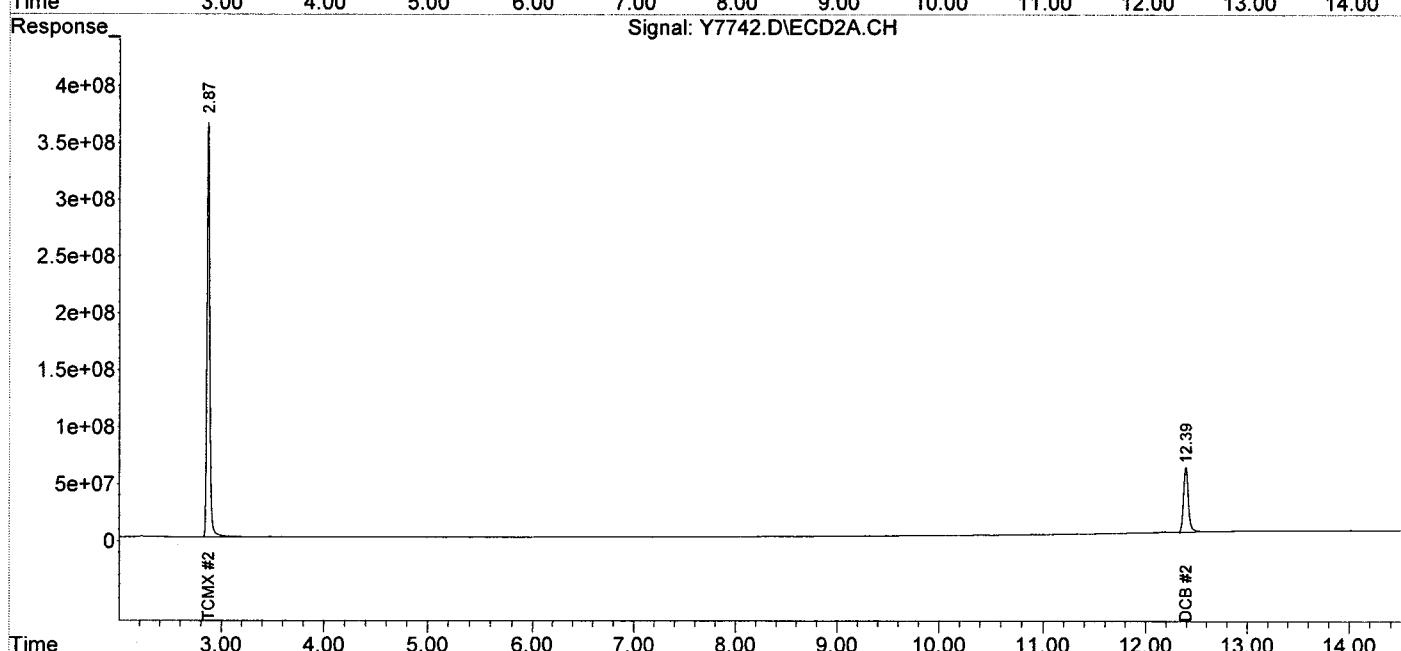
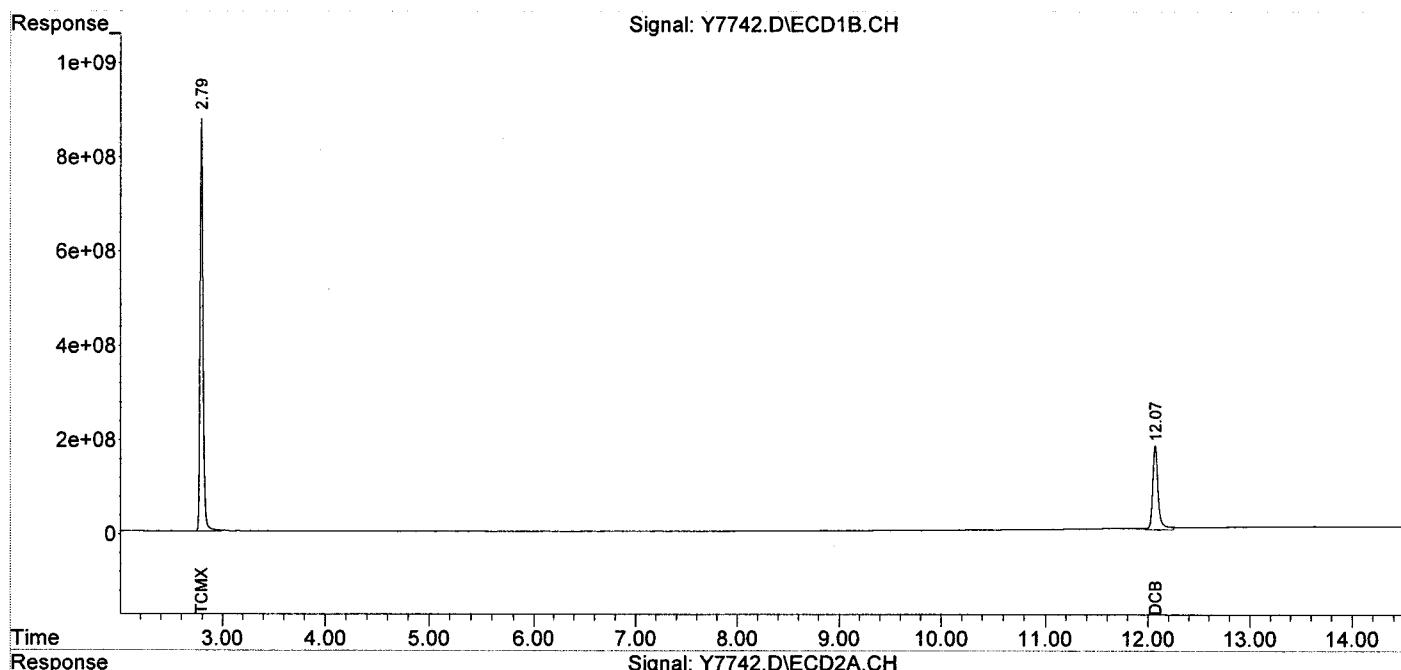
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.79	2.87	17651.8E6	6904.0E6	129.732	180.916 #
Spiked Amount	200.000		Recovery	=	64.87%	90.46%
2) S DCB	12.07	12.39	6706.9E6	1937.5E6	134.742	186.326m#
Spiked Amount	200.000		Recovery	=	67.37%	93.16%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\04-30-13\  
Data File : Y7742.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 8:53  
Operator : NG  
Sample : PCB, BLKS130426-22, S, 5.00g, 0, 04/26/13, 4  
Misc : NA,NA,NA,1  
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 01 15:02:16 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: BLKS130426-16

Client ID: PCB

Date Received: NA

Date Extracted: 04/26/2013

Date Analyzed: 04/30/2013

Data file: Y7716.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.00g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: NA

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\  
 Data File : Y7716.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Apr 2013 00:34  
 Operator : NG  
 Sample : PCB, BLKS130426-16, S, 5.00g, 0, 04/26/13, 4  
 Misc : NA, NA, NA, 1  
 ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Apr 30 16:13:43 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
 Quant Title :  
 QLast Update : Thu Apr 18 09:23:28 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.79	2.87	18246.9E6	6828.9E6	134.106	178.947 #
Spiked Amount	200.000				Recovery =	67.05% 89.47%
2) S DCB	12.07	12.39	6685.4E6	2092.0E6	134.310	201.185 #
Spiked Amount	200.000				Recovery =	67.16% 100.59%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

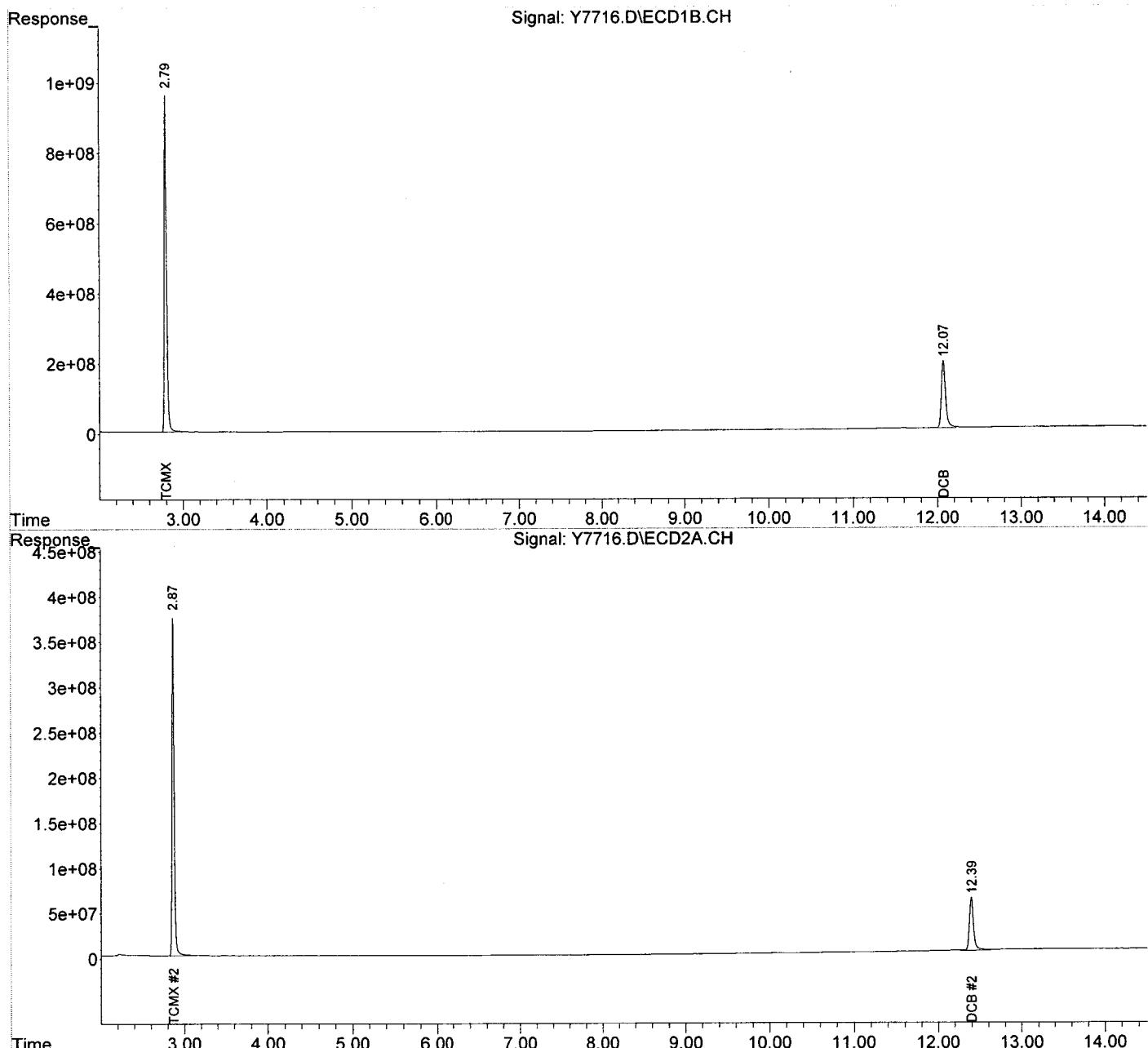
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\  
Data File : Y7716.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Apr 2013 00:34  
Operator : NG  
Sample : PCB, BLKS130426-16, S, 5.00g, 0, 04/26/13, 4  
Misc : NA, NA, NA, 1  
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Apr 30 16:13:43 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M  
Quant Title :  
QLast Update : Thu Apr 18 09:23:28 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: BLKS130426-25

Client ID: PCB

Date Received: NA

Date Extracted: 04/26/2013

Date Analyzed: 05/01/2013

Data file: Y7826.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.00g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: NA

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Data Path : C:\MSDCHEM\1\DATA\05-01-13\  
 Data File : Y7826.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 01 May 2013 16:59  
 Operator : NG  
 Sample : PCB, BLKS130426-25, S, 5.00g, 0, 04/26/13, 4  
 Misc : NA,NA,NA,1  
 ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: May 02 13:42:28 2013  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M  
 Quant Title :  
 QLast Update : Thu May 02 09:45:50 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

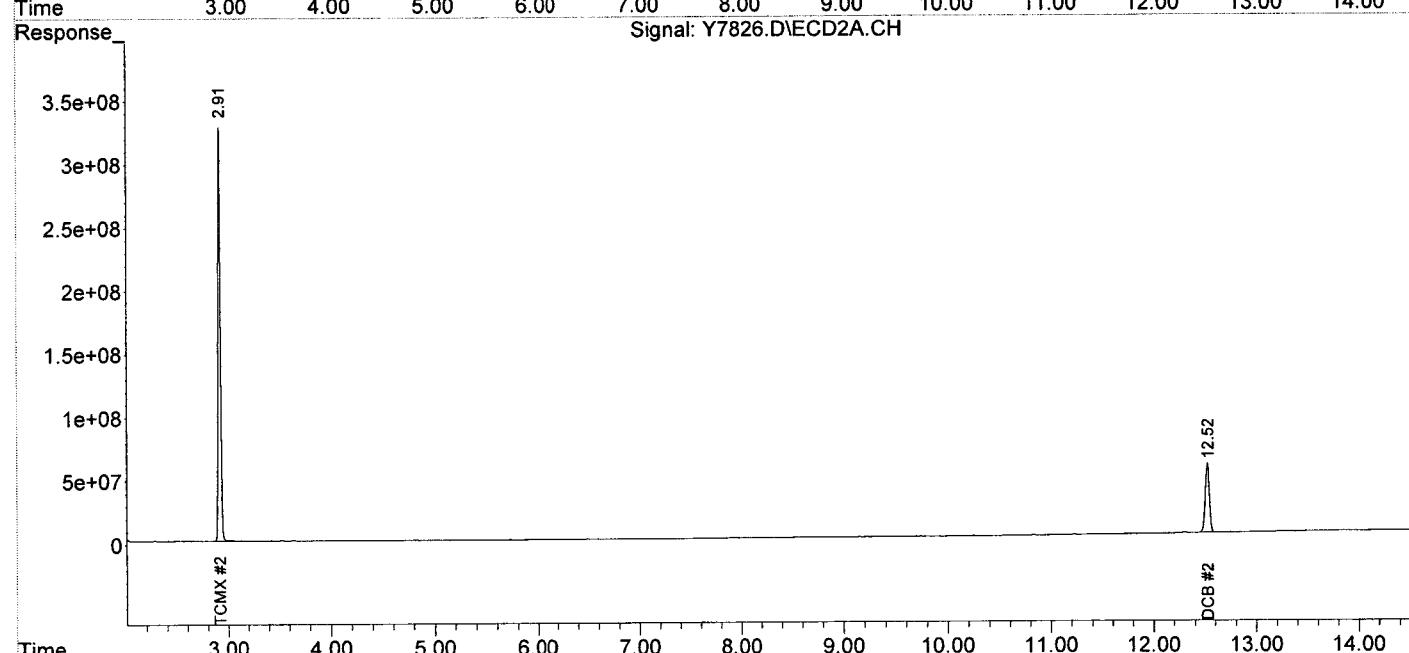
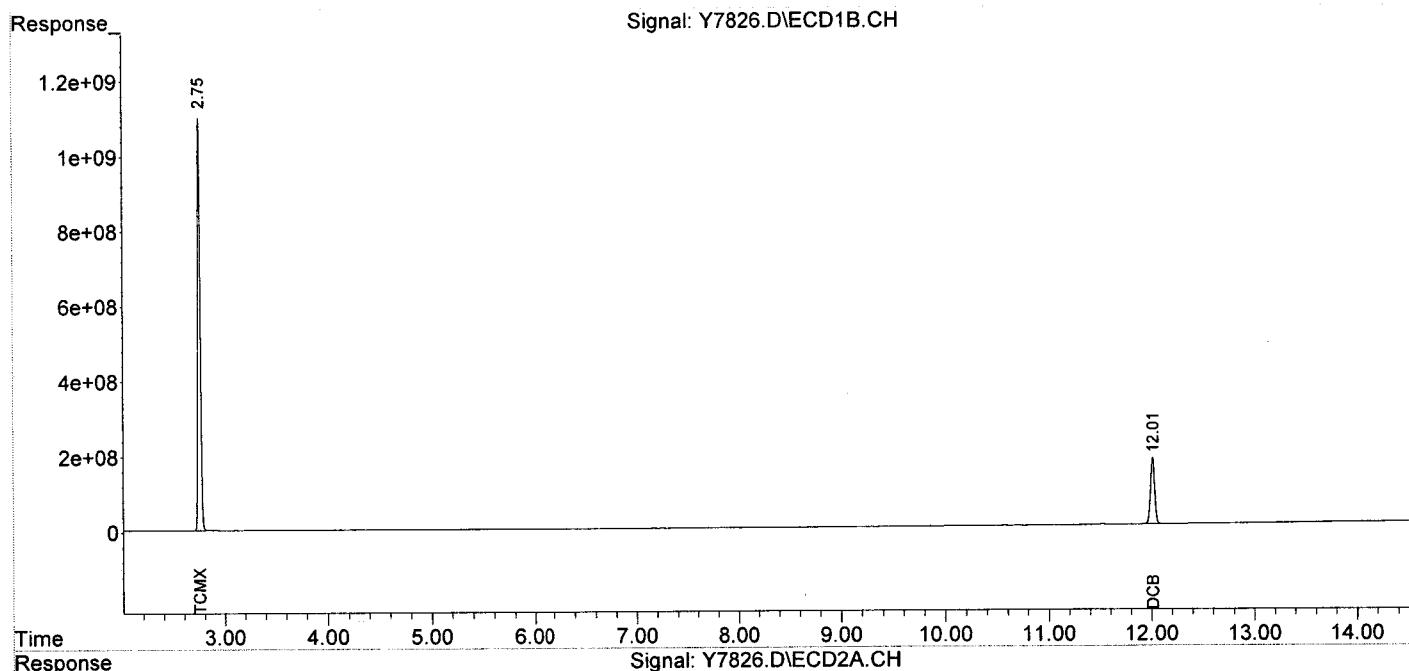
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.75	2.91	18734.1E6	5415.1E6	295.516	284.675
Spiked Amount	200.000			Recovery	=	147.76%
2) S DCB	12.01	12.52	4937.9E6	1524.5E6	325.110m	297.939
Spiked Amount	200.000			Recovery	=	162.56%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-01-13\  
Data File : Y7826.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 01 May 2013 16:59  
Operator : NG  
Sample : PCB,BLKS130426-25,S,5.00g,0,04/26/13,4  
Misc : NA,NA,NA,1  
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: May 02 13:42:28 2013  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M  
Quant Title :  
QLast Update : Thu May 02 09:45:50 2013  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## **SAMPLE TRACKING**



Integrated Analytical Labs  
273 Franklin Rd  
Randolph, NJ 07869

Contact Us: 973 361-4252  
fax: 973 989-5288  
Web: www.ialonline.com

CUSTOMER INFO		REPORTING INFO		Turnaround Time (starts the following day if samples rec'd at lab > 5PM)														
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby		*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE														
Address: 2109 Bridge Ave., Bldg. B	Address:	same																
Point Pleasant, NJ 07842																		
Telephone #: (732) 295-2144	Attn:																	
Fax #: (732) 295-2150	FAX # (732) 295-2150																	
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.																
EMAIL Address: jclabby@jmcevironmental.com	Address:	4 Tri Harbor Court																
Sampler: Steve Kosch, Chris Cho	Port Washington, NY 11050																	
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))																	
Project Location (State): NJ	Attn: Ed Kelly																	
Bottle Order #:	PO # 22126																	
Quote # : SR041205	Sample Matrix																	
DW - Drinking Water AQ - Aqueous WW - Waste Water																		
OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)																		
S - Soil SL - Sludge SOL - Solid W - Wipe																		
Sampling		Matrix	# container s	IAL #	TCL PCB (8082)	ANALYTICAL PARAMETERS										# BOTTLES & PRESERVATIVES		
Client ID	Depth (ft only)	Date	Time		x									HCl				
W-31W (0-2.0)		4/19/13	8:45	S	x													
W-31N (0-2.0)			9:00	S	x													
W-31E (0-2.0)			9:13	S	x													
W-31S (0-2.0)			9:15	S	x													
Y-33N (0-2.0)			9:37	S	x													
Y-33W (0-2.0)			9:43	S	x													
Y-33S (0-2.0)				S	x													
Y-37S (2.0-4.0)				S	x													
Known Hazard: Yes or No		Describe:		Conc. Expected:		Low	Med	High	MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)									

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one):  IAL Courier  Client Courier  FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	4/19/13	1530	Received by:	4/19/13	1530
Relinquished by:	4/19/13	1700	Received by:	4/19/13	1700
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

---



---



---

Lab Case # **3615**

PAGE: **1 of 4**

LAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK

01

01  
02  
03  
04



Integrated Analytical Labs  
273 Franklin Rd  
Randolph, NJ 07869

Contact Us: 973 361-4252  
fax: 973 989-5288  
Web: www.ialonline.com

CUSTOMER INFO		REPORTING INFO		Turnaround Time (starts the following day if samples rec'd at lab > 5PM)																		
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby		*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE																		
Address: 2109 Bridge Ave., Bldg. B	Address:	same																				
Point Pleasant, NJ 07842																						
Telephone #: (732) 295-2144	Attn:																					
Fax #: (732) 295-2150	FAX # (732) 295-2150																					
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.																				
EMAIL Address: jclabby@jmcevironmental.com	Address:	4 Tri Harbor Court																				
Sampler: Steve Kosch, Chris Cho	Port Washington, NY 11050																					
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))																					
Project Location (State): NJ	Attn: Ed Kelly																					
Bottle Order #:	PO # 22126																					
Quote # : SR041205	Sample Matrix																					
DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe																						
SAMPLE INFORMATION		ANALYTICAL PARAMETERS										# BOTTLES & PRESERVATIVES										
Client ID	Depth (ft only)	Sampling	Date	Time	Matrix	# containers	IAL #	TCL PCB (8082)									HCl	HNO3	MeOH	H2SO4	NAOH/ZnAc	Sterile
Y-37W (0-2.0)		4/19/13	10:19		S	1	9	x														
Y-37W (2.0-4.0)			10:20		S	1	10	x														
W-36E (2.0-4.0)			10:35		S	1	11	x														
W-36N (2.0-4.0)			10:52		S	1	12	x														
M-20S (0-2.0)			11:17		S	1	13	x														
M-20W (0-2.0)			11:30		S	1	14	x														
M-20N (0-2.0)	V		11:43		S	1	15	x														
M-20E (0-2.0)	V		11:58		S	1	16	x														
Known Hazard: Yes or No		Describe:		Conc. Expected:		Low	Med	High	MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)													

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one):  IAL Courier  Client Courier  FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by: <i>James Clabby</i>	4/19/13	1530	Received by: <i>John J. Kelly</i>	4/19/13	1530
Relinquished by: <i>John J. Kelly</i>	4/19/13	1706	Received by: <i>John J. Kelly</i>	4/19/13	1706
Relinquished by: <i>John J. Kelly</i>			Received by: <i>John J. Kelly</i>		
Relinquished by: <i>John J. Kelly</i>			Received by: <i>John J. Kelly</i>		
Relinquished by: <i>John J. Kelly</i>			Received by: <i>John J. Kelly</i>		

Comments:

Lab Case #

3611-

PAGE: 2 of 4

LAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK

CT

O  
O  
O  
O



Integrated Analytical Labs  
273 Franklin Rd  
Randolph, NJ 07869

Contact Us: 973 361-4252  
fax: 973 989-5288  
Web: www.ialonline.com

CUSTOMER INFO		REPORTING INFO		Turnaround Time (starts the following day if samples rec'd at lab > 5PM)																	
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby		*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE																	
Address: 2109 Bridge Ave., Bldg. B	Address:	same																			
Point Pleasant, NJ 08742																					
Telephone #: (732) 295-2144	Attn:																				
Fax #: (732) 295-2150	FAX # (732) 295-2150																				
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.																			
EMAIL Address: jclabby@jmcevironmental.com	Address: 4 Tri Harbor Court																				
Sampler: Steve Kosch, Chris Cho	Port Washington, NY 11050																				
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))																				
Project Location (State): NJ	Attn: Ed Kelly																				
Bottle Order #:	PO # 22126																				
Quote # : SR041205																					
SAMPLE INFORMATION												ANALYTICAL PARAMETERS									
Client ID	Depth (ft only)	Sampling					TCL PCB (8082)	# BOTTLES & PRESERVATIVES													
		Date	Time	Matrix	# container s	IAL #		HCl	HN03	McOH	H2S04	NAOH/ZNAC	Sterile								
L-19S (0-2.0)	4/19/13 12:12	S	1	17	x																
L-19W (0-2.0)	12:24	S	1	18	x																
L-19N (0-2.0)	1:05	S	1	19	x																
L-19E (0-2.0)	1:14	S	1	20	x																
M-17S (0-2.0)	1:25	S	1	21	x																
M-17W (0-2.0)	1:37	S	1	22	x																
M-17N (0-2.0)	1:45	S	1	23	x																
G-21W (0-2.0)	2:03	S	1	24	x																
Known Hazard: Yes or No	Describe:	Conc. Expected:	Low	Med	High	MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)															

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one):  IAL Courier  Client Courier  FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	4/19/13	1530	Received by:	4/19/13	1530
Relinquished by:	4/19/13	1706	Received by:	4/18/13	1706
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

---



---



---

Lab Case # 3615

PAGE: 3 of 4

LAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK

U

T  
O  
O



Integrated Analytical Labs  
273 Franklin Rd  
Randolph, NJ 07869

Contact Us: 973 361-4252  
fax: 973 989-5288  
Web: www.ialonline.com

## CUSTOMER INFO

## REPORTING INFO

Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address:	same
Point Pleasant, NJ 07842		
Telephone #: (732) 295-2144 Attn:		
Fax #: (732) 295-2150 FAX # (732) 295-2150		
Project Manager: James Clabby INVOICE TO: Aceto Corp.		
EMAIL Address: jclabby@jmcevironmental.com Address: 4 Tri Harbor Court		
Sampler: Steve Kosch, Chris Cho Port Washington, NY 11050		
Project Name: Arsynco (with copy to: JMC Environmental (attn.: J. Clabby))		
Project Location (State): NJ Attn: Ed Kelly		
Bottle Order #: PO # 22126		
Quote #: SR041205		

## SAMPLE INFORMATION

Client ID	Depth (ft only)	Sampling					TCL PCB (8082)	ANALYTICAL PARAMETERS										# BOTTLES & PRESERVATIVES				
		Date	Time	Matrix	# container s	IAL #													HCl	HNO3	MeOH	H2SO4
Q-21W (2.0-4.0)		4/19/13	2:09	S	1	25	x															
Q-21S (0-2.0)			2:22	S	1	26	x															
Q-21S (2.0-4.0)			2:23	S	1	27	x															
Q-21E (0-2.0)			2:35	S	1	28	x															
Q-21E (2.0-4.0)			2:36	S	1	29	x															
S-22N (0-2.0)			2:48	S	1	30	x															
FB-73			3:05	aq	2	31	x															

Known Hazard: Yes or No

Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one):  IAL Courier  Client Courier  FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	4/19/13	1530	Received by:	4/19/13	1530
Relinquished by:	4/19/13	1706	Received by:	4/19/13	1706
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

LAB COPIES - WHITE &amp; YELLOW; CLIENT COPY - PINK

01

Comments:

Lab Case # 3615

PAGE: 4 of 4

# PROJECT INFORMATION



Case No. **E13-03615**

Project **ARSYNCO**

<b>Customer</b>	<b>JMC Environmental Consultants</b>		<b>P.O. #</b>
<b>Contact</b>	Jim Clabby		<b>Received</b> 4/19/2013 17:06
<b>EMail</b>	jclabby@jmceenvironmental.com;		<b>Verbal Due</b> 5/6/2013
<b>Phone</b>	ahallgreen@jmceenvironmental.co (732) 295-4441		<b>Report Due</b> 5/13/2013
<b>Fax</b>	(732) 295-2150		
<b>Report To</b>	tadams@jmceenvironmental.com;c osch@jmceenvironmental.com;c		<b>Bill To</b>
2109 Bridge Avenue		Aceto Corp.	
Building B		4 Tri Harbor Court	
Point Pleasant, NJ 08742		Port Washington, NY 11050	
Attn: Jim Clabby		Attn: Mr. Ed Kelly	
<b>Report Format</b> Reduced			
<b>Additional Info</b> <input type="checkbox"/> State Form <input type="checkbox"/> Field Sampling <input type="checkbox"/> Conditional			

<b>Lab ID</b>	<b>Client Sample ID</b>	<b>Depth Top / Bottom</b>	<b>Sampling Time</b>	<b>Matrix</b>	<b>Unit</b>	<b># of Containers</b>
03615-001	W-31W (0-2.0)	0 / 2	4/19/2013 @08:45	Soil	mg/Kg	1
03615-002	W-31N (0-2.0)	0 / 2	4/19/2013 @09:00	Soil	mg/Kg	1
03615-003	W-31E (0-2.0)	0 / 2	4/19/2013 @09:13	Soil	mg/Kg	1
03615-004	W-31S (0-2.0)	0 / 2	4/19/2013 @09:25	Soil	mg/Kg	1
03615-005	Y-33N (0-2.0)	0 / 2	4/19/2013 @09:37	Soil	mg/Kg	1
03615-006	Y-33W (0-2.0)	0 / 2	4/19/2013 @09:47	Soil	mg/Kg	1
03615-007	Y-37S (0-2.0)	0 / 2	4/19/2013 @10:03	Soil	mg/Kg	1
03615-008	Y-37S (2.0-4.0)	2 / 4	4/19/2013 @10:04	Soil	mg/Kg	1
03615-009	Y-37W (0-2.0)	0 / 2	4/19/2013 @10:19	Soil	mg/Kg	1
03615-010	Y-37W (2.0-4.0)	2 / 4	4/19/2013 @10:20	Soil	mg/Kg	1
03615-011	W-36E (2.0-4.0)	2 / 4	4/19/2013 @10:35	Soil	mg/Kg	1
03615-012	W-36N (2.0-4.0)	2 / 4	4/19/2013 @10:52	Soil	mg/Kg	1
03615-013	M-20S (0-2.0)	0 / 2	4/19/2013 @11:17	Soil	mg/Kg	1
03615-014	M-20W (0-2.0)	0 / 2	4/19/2013 @11:30	Soil	mg/Kg	1
03615-015	M-20N (0-2.0)	0 / 2	4/19/2013 @11:43	Soil	mg/Kg	1
03615-016	M-20E (0-2.0)	0 / 2	4/19/2013 @11:58	Soil	mg/Kg	1
03615-017	L-19S (0-2.0)	0 / 2	4/19/2013 @12:12	Soil	mg/Kg	1
03615-018	L-19W (0-2.0)	0 / 2	4/19/2013 @12:24	Soil	mg/Kg	1
03615-019	L-19N (0-2.0)	0 / 2	4/19/2013 @13:05	Soil	mg/Kg	1
03615-020	L-19E (0-2.0)	0 / 2	4/19/2013 @13:14	Soil	mg/Kg	1
03615-021	M-17S (0-2.0)	0 / 2	4/19/2013 @13:25	Soil	mg/Kg	1
03615-022	M-17W (0-2.0)	0 / 2	4/19/2013 @13:37	Soil	mg/Kg	1
03615-023	M-17N (0-2.0)	0 / 2	4/19/2013 @13:45	Soil	mg/Kg	1
03615-024	Q-21W (0-2.0)	0 / 2	4/19/2013 @14:08	Soil	mg/Kg	1
03615-025	Q-21W (2.0-4.0)	2 / 4	4/19/2013 @14:09	Soil	mg/Kg	1
03615-026	Q-21S (0-2.0)	0 / 2	4/19/2013 @14:22	Soil	mg/Kg	1
03615-027	Q-21S (2.0-4.0)	2 / 4	4/19/2013 @14:23	Soil	mg/Kg	1
03615-028	Q-21E (0-2.0)	0 / 2	4/19/2013 @14:35	Soil	mg/Kg	1

# PROJECT INFORMATION



E 1 3 - 0 3 6 1 5

Case No. **E13-03615**

Project **ARSYNCO**

<u>Lab ID</u>	<u>Client Sample ID</u>	<u>Depth Top / Bottom</u>	<u>Sampling Time</u>	<u>Matrix</u>	<u>Unit</u>	<u># of Containers</u>
03615-029	Q-21E (2.0-4.0)	2 / 4	4/19/2013@14:36	Soil	mg/Kg	1
03615-030	S-22N (0-2.0)	0 / 2	4/19/2013@14:48	Soil	mg/Kg	1
03615-031	FB-73	n/a	4/19/2013@15:05	Aqueous	mg/L	2
<u>Sample #</u>	<u>Tests</u>		<u>Status</u>	<u>QA Method</u>		
001	TCL PCB		Run	8082		
002	TCL PCB		Run	8082		
003	TCL PCB		Run	8082		
004	TCL PCB		Run	8082		
005	TCL PCB		Run	8082		
006	TCL PCB		Run	8082		
007	TCL PCB		Run	8082		
008	TCL PCB		Run	8082		
009	TCL PCB		Run	8082		
010	TCL PCB		Run	8082		
011	TCL PCB		Run	8082		
012	TCL PCB		Run	8082		
013	TCL PCB		Run	8082		
014	TCL PCB		Run	8082		
015	TCL PCB		Run	8082		
016	TCL PCB		Run	8082		
017	TCL PCB		Run	8082		
018	TCL PCB		Run	8082		
019	TCL PCB		Run	8082		
020	TCL PCB		Run	8082		
021	TCL PCB		Run	8082		
022	TCL PCB		Run	8082		
023	TCL PCB		Run	8082		
024	TCL PCB		Run	8082		
025	TCL PCB		Run	8082		
026	TCL PCB		Run	8082		
027	TCL PCB		Run	8082		
028	TCL PCB		Run	8082		
029	TCL PCB		Run	8082		
030	TCL PCB		Run	8082		
031	TCL PCB		Run	8082		

04/23/2013 10:03 by kim - REV 1

Line items 03615-007 sample time should be 10:03 Line item 03615-008 sample time should be 10:04, per Steve Kosch.

## INTEGRATED ANALYTICAL LABORATORIES, LLC

## SAMPLE RECEIPT VERIFICATION

JMC

CASE NO: E 13

03615

CLIENT:

FORTRESS H

COOLER TEMPERATURE: 2° - 6°C: 

( See Chain of Custody)

Comments

PL

COC: **COMPLETE** / INCOMPLETE  
KEY = YES/NA = NOVOA received:  Encore IGW - Methanol(check one)  Terra Core No Preservative

- Bottles Intact
- no-Missing Bottles
- no-Extra Bottles

- Sufficient Sample Volume
- no-headspace/bubbles in VOs
- Labels intact/correct
- pH Check (exclude VOs)<sup>1</sup>
- Correct bottles/preservative
- Sufficient Holding/Prep Time<sup>1</sup>

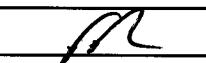
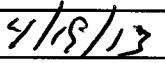
  


- Multiphasic Sample
- Sample to be Subcontracted
- Chain of Custody is Clear

<sup>1</sup> All samples with "Analyze Immediately" holding times will be analyzed by this laboratory past the holding time. This includes but is not limited to the following tests: pH, Temperature, Free Residual Chlorine, Total Residual Chlorine, Dissolved Oxygen, Sulfite.

ADDITIONAL COMMENTS: \_\_\_\_\_

SAMPLE(S) VERIFIED BY:

INITIAL: DATE: 

CORRECTIVE ACTION REQUIRED:

YES 

(SEE BELOW)

NO If COC is NOT clear, **STOP** until you get client to authorize/clarify work.

CLIENT NOTIFIED:

YES 

Date/ Time: \_\_\_\_\_

NO 

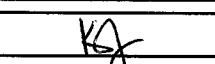
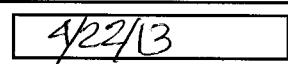
PROJECT CONTACT: \_\_\_\_\_

SUBCONTRACTED LAB: \_\_\_\_\_

DATE SHIPPED: \_\_\_\_\_

ADDITIONAL COMMENTS: \_\_\_\_\_

VERIFIED/TAKEN BY:

INITIAL: DATE: 

REV 03/2013

E13-03615 0190

# Laboratory Custody Chronicle

**IAL Case No.**

**E13-03615**

**Client** JMC Environmental Consultants

**Project** ARSYNCO

**Received On** 4/19/2013@17:06

**Department: GC**

TCL PCB

			<u>Prep. Date</u>	<u>Analyst</u>	<u>Analysis Date</u>	<u>Analyst</u>
	03615-001	Soil	4/26/13	Archimede	4/30/13	Justyna
"	-002	"	4/26/13	Archimede	4/30/13	Justyna
"	-003	"	4/26/13	Archimede	4/30/13	Justyna
"	-004	"	4/26/13	Archimede	4/30/13	Justyna
"	-005	"	4/26/13	Archimede	4/30/13	Justyna
"	-006	"	4/26/13	Archimede	5/ 1/13	Justyna
"	-007	"	4/26/13	Archimede	5/ 1/13	Justyna
"	-008	"	4/26/13	Archimede	4/30/13	Justyna
"	-009	"	4/26/13	Archimede	4/30/13	Justyna
"	-010	"	4/26/13	Archimede	4/30/13	Justyna
"	-011	"	4/26/13	Archimede	4/30/13	Justyna
"	-012	"	4/26/13	Archimede	4/30/13	Justyna
"	-013	"	4/26/13	Archimede	4/30/13	Justyna
"	-014	"	4/26/13	Archimede	4/30/13	Justyna
"	-015	"	4/26/13	Archimede	4/30/13	Justyna
"	-016	"	4/26/13	Archimede	4/30/13	Justyna
"	-017	"	4/26/13	Archimede	4/30/13	Justyna
"	-018	"	4/26/13	Archimede	4/30/13	Justyna
"	-019	"	4/26/13	Archimede	4/30/13	Justyna
"	-020	"	4/26/13	Archimede	4/30/13	Justyna
"	-021	"	4/26/13	Archimede	4/30/13	Justyna
"	-022	"	4/26/13	Archimede	4/30/13	Justyna
"	-023	"	4/26/13	Archimede	4/30/13	Justyna
"	-024	"	4/26/13	Archimede	4/30/13	Justyna
"	-025	"	4/26/13	Archimede	4/30/13	Justyna
"	-026	"	4/26/13	Archimede	4/30/13	Justyna
"	-027	"	4/26/13	Archimede	4/30/13	Justyna
"	-028	"	4/26/13	Archimede	5/ 1/13	Justyna
"	-029	"	4/26/13	Archimede	5/ 1/13	Justyna
"	-030	"	4/26/13	Archimede	5/ 1/13	Justyna
"	-031	Aqueous	4/26/13	Archimede	4/30/13	Justyna